



SECURITY & SURVEILLANCE
PRODUCT CATALOGUE



INTELLICON
INNOVATION INSPIRED



Intellicon, an integrated technology solutions company functioning in the Enterprise Communication, Automatic Data Capture and Security & Surveillance domains, is today regarded as an ideal partner for organizations looking at Transformational IT solutions. Intellicon's pan India presence, combined with its acknowledged capability to optimize its core capabilities across diverse technology platforms, fine human resource compliances and commitment to quality and support facilitates, the delivery of best in class solutions resulting in complete customer delight. In an age of convergence Intellicon paces the future with an excellent performance paradigm.



Karel Electronics Corporation, a leading European telecommunication company is engaged in the design, development, production and marketing of all types of communication systems, control cards for industrial control equipments and military equipments. Karel has also acquired significant presence in electronic security & surveillance domain within just two years of product launch. Karel has a strong and widening presence in the global market and is the market leader in the African and Middle East markets. Karel collaborates with reputed companies to develop projects for private and public companies offering optimized solutions to various industry verticals. In a span of over ten years Karel enjoys significant market share in Government & SME segments.



Security is the degree of protection against danger, damage, loss, and crime. Security is a form of protection where a separation is created between the assets and the threat. This includes but is not limited to the elimination of either the asset or the threat. There are many ways and means to perform security such as Surveillance / Access Control / Intrusion Alarms, not to forget data security which requires layers of virtual protection.

Intellicon has introduced an extraordinary range of products across Intrusion Detection, Video Surveillance, Access Control & Apartment Systems Technologies. The core focus is aimed at monitoring and protecting infrastructure & facilities which perceive a threat to establishments like government and private institutions, banks, hotels, factories and extends to schools, hospitals, private apartments and residences.

The unique nature of these assets accentuates the need for customized security solutions. It also cascades a sustained need for trusted & reliable Partners and Systems Integrators with the capability to design and develop solutions, specific to each facility and duly complemented by best in class support to upscale the customer experience.

HIGHLIGHTS



Low Resolution Camera

High Resolution Camera



Normal Camera

DNR Camera



Normal Camera

White Balanced Camera



Normal Camera

Back Light Compensated Camera



Normal Camera

Auto Contrast Camera



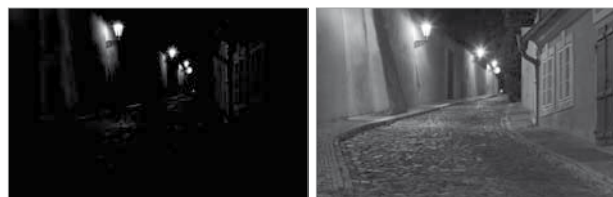
Normal Camera

High Sensitive Camera



Day Mode

Night Mode



Normal Camera

IR Spot Camera

Resolution:

It indicates the scanning density of the chip that transforms the light to electrical signals in the camera. The higher the resolution, the better the quality of the displayed image will be. Unit of resolution for cameras with CCD chips is "TVL". Today, resolutions are mostly from 420TVL to 700TVL. A resolution higher than 530TVL may be considered as high resolution. Unit of resolution for cameras with CMOS chips is "pixel".

DNR (Digital Noise Reduction):

This feature is used to remove signal noises arising from external factors by the filtering method applied in the digital signal processing circuit in the camera.

WB, AWB (White Balance, Auto White Balance):

This feature allows obtaining a clearer image by adjusting the colors according to the density of the red, green and blue light on the video image.

BLC (Back Light Compensation):

This feature is used for compensating the denser light and obtaining a clearer image of the zone with lower light density in areas with high level of difference between the bright and shady areas such as window sides, doorsteps etc.

Contrast:

This feature describes the difference between the brighter and darker zones in the image. As the contrast between black and white is increased, gray tones or intermediate levels between two ends can be seen more easily. Auto contrast cameras automatically adjust the difference between darkest and brightest colors.

HS (High Sensitive):

This feature is used to obtain higher quality and brighter images in low light conditions.

N/D (Night and Day):

Cameras with white and black scanning provide clearer images in low light conditions. This feature is used in cameras that transfer black and white images at night by changing the filter, & that transfer images using color filter in daylight.

NOTE: With the growing number of IR Spot Cameras, these cameras are also called D/N Cameras. Cameras that change filters at night are also called as "Real N/D" cameras.

IR N/D (Night and Day):

Cameras that emit infrared light that cannot be seen by the human eye can take images in the dark.



Normal Camera

HS-BLC Camera



Normal Camera

3D Noise Reducer



Normal Camera

Privacy Masking



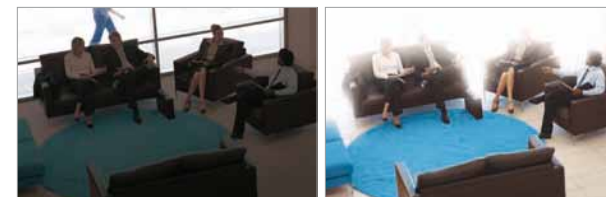
Normal Camera

Motion Blur



Low Light

Street Lamp



Normal Camera

BLC Camera

WDR Camera



Sens-up 2x

Sens-up 60x

Sens-up 256x

HS-BLC (High Spotlight - Back Light Compensation):

This feature provides clearer image of the darker zones by masking the powerful source of light.

3D-DNR (3 Dimension-Digital Noise Reduction):

This feature reduces the electrical and external signal noises that may occur inside the camera, and increases the signal to noise ratio in order to provide an image of better quality.

PM (Privacy Masking):

This masking feature is set by the camera in order to prevent images that may breach the privacy of people inside the field of view of the camera.

Motion Blur:

Moving objects may appear blurry and fuzzy in cameras that process the image slowly. It is possible to record the moving objects with a sharp and better quality image using a special process in the Motion Blur cameras.

Light Sensitivity:

This describes the minimum brightness level that the camera can record an image. (It is expressed in lux).

WDR (Wide Dynamic Range):

This feature is used to adjust the light density dynamically in areas where the difference between light and shadow is high. This provides a balanced and acceptable image quality in areas with high light intensity and low light intensity.













Sens-up:

This feature is used for obtaining a clearer and better quality image especially in the dark by increasing the sensitivity in areas with lower light density. As Sens-up feature will use most of the processing capacity of camera's digital signal processing circuit, it may cause a duller and slower image in the camera. Therefore, sens-up feature can be set gradually.









STANDARDS



BOX CAMERAS

<p>CKK134-A48</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" SONY SUPER CCD • 480 TVL Resolution • Min. Illumination 0.5 Lux • Automatic Gain Control • DC12V 	<p>CKK120-A47</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" SONY SUPER CCD • 470 TVL Resolution • Min. Illumination 0.05 Lux • Automatic Gain Control • DC12V 	<p>CKK223-A42</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" SONY SUPER CCD • 420 TVL Resolution • Min. Illumination 0.05 Lux • Automatic Gain Control • DC12V 	<p>CKK120-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" Sony Super HAD II CCD • 600 TVL Resolution • Day & Night • ESC (Electronic Shutter Control) • OSD Menu • Privacy Masking • Motion Detection • DC Iris Control
<p>CKK720-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" Sony Super HAD II CCD • 600 TVL Resolution • Day & Night • DC Iris Control • ESC (Electronic Shutter Control) • OSD Menu • Privacy Masking • Motion Detection 	<p>CKK220-A65</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" SONY Exview HAD CCD II • 650 TVL Resolution • 0.1Lux F1.2 (Color) • DC Iris Control • ATR (Adaptive Tone-Curve Reproduction) • OSD Menu • Privacy Masking / Motion Detection 	<p>CKK220-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" Sony Super HAD II CCD • 600 TVL Resolution • Digital Zoom (x1 ~x10) • Day & Night • WDR / 3DDNR / LSC / DIS • OSD Menu • Privacy Masking / Motion Detection • DC Iris Control • UTP Output 	<p>CKK420-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" Sony Super HAD II CCD • 600 TVL Resolution • Digital Zoom (x1 ~x10) • Day & Night • WDR / 3DDNR / LSC / DIS • OSD Menu • Privacy Masking • Motion Detection
<p>CKK320-A65</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" Sony Exview HAD CCD II • 650 TVL Resolution • DC Iris Control • ATR (Adaptive Tone-Curve Reproductive) • OSD Menu • Privacy Masking / Motion Detection • UTP Output 	<p>CKK520-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" Sony Double Scan CCD • 600 TVL Resolution • Digital Zoom (x1 ~x10) • Day & Night • Pixel Reduction • WDR / 3DDNR / LSC / DIS • OSD Menu • Privacy Masking / Motion Detection • DC Iris Control • UTP Output 	<p>CKK620-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" Sony Double Scan CCD • 600 TVL Resolution • Digital Zoom (x1 ~x10) • Day & Night • Pixel Reduction • WDR / 3DDNR / LSC / DIS • OSD Menu • Privacy Masking / Motion Detection • DC Iris Control • UTP Output 	<p>CKK320-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" Sony Super HAD II CCD • 600 TVL Resolution • Digital Zoom (x1 ~x16) • Day & Night • Mechanical Filter Change • DNR • OSD Menu • Privacy Masking / Motion Detection

DOME CAMERAS

<p>CKD120-A47</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" Sony Super HAD II CCD • 470 TVL Resolution • Lens : 3.6 mm Fixed Lens • Day & Night • 0.05 Lux F1.2 (Color) / 0.01 Lux (B/W) • ESC (Electronic Shutter Control) • 3-Axis 	<p>CKD120-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" Sony Super HAD II CCD • 600 TVL Resolution • Lens : 3.6 mm Fixed Lens • 3-Axis • Day & Night • 0.1Lux F1.2 (Color) / 0.01Lux (B/W) • ESC (Electronic Shutter Control) • OSD Menu / Privacy Masking / Motion Detection 	<p>CKD220-A47</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" Sony Super HAD II CCD • 470 TVL Resolution • Lens 2.8-12mm AVF Lens • 3-Axis • Day & Night • 0.05 Lux F1.2(Color) / 0.01 Lux (B/W) • ESC (Electronic Shutter Control) • BLC / AGC 	<p>CKD220-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" Sony Super HAD II CCD • 600 TVL Resolution • Lens : 3.6 mm Fixed Lens • Digital Zoom (x1 ~x10) • Day & Night • WDR / 3DDNR / LSC / DIS • OSD Menu • Privacy Masking / Motion Detection
<p>CKD120-A65</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" SONY Exview HAD CCD II • 650 TVL Resolution • Lens : 3.6 mm Fixed Lens • 3-Axis • Day & Night • 0.1Lux F1.2 (Color) • DNR / ATR • OSD Menu • Privacy Masking / Motion Detection 	<p>CKD120-A60C</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" Sony Super HAD II CCD • 600 TVL Resolution • Lens 2.8-12mm AVF Lens • 3-Axis • Day & Night • 0.1Lux F1.2 (Color) / 0.01Lux (B/W) • DNR • OSD Menu • Privacy Masking / Motion Detection 	<p>CKD520-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" Sony Super HAD II CCD • 600 TVL Resolution • Lens: 2.8-12mm AVF Lens • Day & Night • Filter Change • 0.1Lux F1.2 (Color) / 0.01Lux (B/W) • DNR • OSD Menu • Privacy Masking / Motion Detection 	<p>CKD320-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" Sony Super HAD II CCD • 600 TVL Resolution • Lens: 2.8-12 mm Varifocal Lens • Day & Night • Digital Zoom (x1 ~x10) • 0.1Lux F1.2/0.0001Lux • WDR / 3DDNR / LSC / DIS • OSD Menu / P M / Motion Detection
<p>CKD120-A65C</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" SONY Exview HAD CCD II • 650 TVL Resolution • Lens: 2.8-12mm AVF Lens • Day & Night • Filter Change • 0.1Lux F1.2 (Color) • ATR • OSD Menu • Privacy Masking / Motion Detection 	<p>CKD520-A65</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" SONY Exview HAD CCD II • 650 TVL Resolution • Lens: 2.8-12mm AVF Lens • Day & Night • Filter Change • 0.1Lux F1.2 (Color) • ATR • OSD Menu • Privacy Masking / Motion Detection 	<p>CKD420-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" Sony Super HAD II CCD • 600 TVL Resolution • 2.8-12mm AVF Lens • Day & Night • Digital Zoom (x1 ~x10) • 0.1Lux F1.2/0.0001Lux • WDR / 3D DNR / LSC / DIS • OSD Menu / P M / Motion Detection 	<p>CKD220-A60C</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" Sony Super HAD II CCD • 600 TVL Resolution • 2.8-12mm AVF Lens • Day & Night • Digital Zoom (x1 ~x10) • Mechanical Filter Changing • WDR / 3D DNR / LSC / DIS • OSD Menu / P M / Motion Detection



*Some features are model specific

Lens not included











*Some features are model specific

<p>CKD620-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" SONY Double Scan CCD 600 TVL Resolution 2.8-12mm AVF Lens Day & Night Digital Zoom (x1 ~x10) Mechanical Filter Changing WDR / 3D DNR / LSC / DIS OSD Menu / P M / Motion Detection 	<p>CKD720-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" Sony Super HAD II CCD 600 TVL Resolution Lens: 4.3mm Fxd Lens Day & Night • Digital Zoom (10x) 20 Pcs IR LED / Illumination distance : 15 to 20 M WDR / 3D DNR / LSC / DIS OSD Menu / P M / Motion Detection 	<p>CKD820-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" Sony Super HAD II CCD 600 TVL Resolution Lens: 4.3mm Fxd Lens Day & Night • Digital Zoom (10x) 40 Pcs IR LED / Illumination distance : 30 to 35 M WDR / 3D DNR / LSC / DIS OSD Menu / P M / Motion Detection 	<p>CKD920-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" Sony Super HAD II CCD 600 TVL Resolution Lens: 2.8-12mm AVF Lens Day & Night • Digital Zoom (10x) 35 Pcs IR LED / Illumination distance : 25 to 30 M WDR / 3D DNR / LSC / DIS OSD Menu / P M / Motion Detection
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<p>CKV820-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" Sony Super HAD II CCD 600 TVL Resolution Lens: 4.3mm Fixed Lens 40 IR LED Day & Night ESC (Electronic Shutter Control) OSD Menu Privacy Masking / Motion Detection 	<p>CKV420-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" Sony Super HAD II CCD 600 TVL Resolution Lens: 2.8-12mm AVF Lens 23 IR LED Digital Zoom (x1 ~x10) WDR / 3D DNR / LSC / DIS OSD Menu Privacy Masking / Motion Detection 	<p>CKV920-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" Sony Super HAD II CCD 600 TVL Resolution Lens: 2.8-12mm AVF Lens 35 IR LED Digital Zoom (x1 ~x10) WDR / 3D DNR / LSC / DIS OSD Menu Privacy Masking / Motion Detection 	<p>CKV520-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" Sony Super HAD II CCD 600 TVL Resolution Lens: 2.8-12mm AVF Lens 35 IR LED Digital Zoom (x1 ~x10) WDR / 3D DNR / LSC / DIS OSD Menu Privacy Masking / Motion Detection
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VANDAL PROOF CAMERAS

<p>CKV120-A47</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" Sony Super HAD II CCD 470 TVL Resolution Lens: 3.6mm Fixed Lens Day & Night 0.05 Lux F1.2 (Color) / 0.01 Lux (B/W) ESC (Electronic Shutter Control) 3-Axis 	<p>CKV620-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" Sony Super HAD II CCD 600 TVL Resolution Lens: 3.6mm Fixed Lens Day & Night 0.1Lux F1.2(Color) / 0.01Lux(B/W) ESC (Electronic Shutter Control) OSD Menu 	<p>CKV220-A47</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" Sony Super HAD II CCD 470 TVL Resolution Lens: 2.8-12mm AVF Lens Day & Night 0.05 Lux F1.2 (Color) / 0.01 Lux (B/W) ESC (Electronic Shutter Control) Waterproof (IP68) 	<p>CKV120-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" Sony Super HAD II CCD 600 TVL Resolution Lens: 3.6mm Fixed Lens Day & Night Digital Zoom (x1 ~x10) WDR / 3D DNR / LSC / DIS OSD Menu Privacy Masking / Motion Detection
<p>CKV220-A62</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" Sony Super HAD II CCD 600 TVL Resolution Lens: 2.8-12mm AVF Lens Day & Night Digital Zoom (x1 ~x10) WDR / 3D DNR / LSC / DIS OSD Menu Privacy Masking / Motion Detection 	<p>CKV120-A65</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" SONY Exview HAD CCD II 650 TVL Resolution Lens: 2.8-12mm AVF Lens Day & Night ATR DNR OSD Menu Privacy Masking / Motion Detection 	<p>CKV320-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" Sony Super HAD II CCD 600 TVL Resolution Lens: 2.8-12mm AVF Lens Day & Night Digital Zoom (x1 ~x10) WDR / 3D DNR / LSC / DIS OSD Menu Privacy Masking / Motion Detection 	<p>CKV720-A60</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" Sony Super HAD II CCD 600 TVL Resolution Lens: 3.6mm Fixed Lens 10 IR LED Day & Night ESC (Electronic Shutter Control) OSD Menu Privacy Masking / Motion Detection

IR CAMERAS

<p>CKD134-A42</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" Sony Super HAD CCD 420TVL Resolution Plastic Case Lens: 3.6mm Fixed Lens IR LED 24 Pcs / Illumination Distance 25m Day & Night Minimum Illumination 0 Lux (IR On) 	<p>CKD234-A42</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" Sony Super HAD CCD 420TVL Resolution Lens: 3.6mm Fixed Lens IR LED 24 Pcs / Illumination Distance 25m Day & Night Minimum Illumination 0 Lux (IR On) 	<p>CKD520-A47</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" Sony Super HAD II CCD 470TVL Resolution Lens: 3.6mm Fixed Lens IR LED 25 Pcs / Illumination Distance 20 - 25m Day & Night Minimum Illumination 0 Lux (IR On) Motion Detection 	<p>CKD120-A60I</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" Sony Super HAD II CCD 600TVL Resolution Lens: 3.6mm Fixed Lens IR LED 25 Pcs / Illumination Distance 20 - 25m Day & Night Minimum Illumination 0 Lux (IR On)
<p>CKD220-A60I</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" Sony Super HAD II CCD 600TVL Resolution Lens: 2.8-12mm Manual VF Lens IR LED 36 Pcs / Illumination Distance 25 - 30m Day & Night Minimum Illumination 0 Lux (IR On) 	<p>CKB134-A42</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" Sony Super HAD II CCD 420TVL Resolution Lens: 3.6mm Fixed Lens IR LED 24 Pcs / Illumination Distance 15 - 20m Day & Night Minimum Illumination 0 Lux (IR On) 	<p>CKB234-A42</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" Sony Super HAD II CCD 420TVL Resolution Lens: 4mm Fixed Lens IR LED 36 Pcs / Illumination Distance 30 - 35m Day & Night Minimum Illumination 0 Lux (IR On) 	<p>CKB234-A48</p>  <p>Key Features</p> <ul style="list-style-type: none"> 1/3" Sony Super HAD II CCD 480TVL Resolution Lens: 4mm Fixed Lens IR LED 36 Pcs / Illumination Distance 30 - 35m Day & Night Minimum Illumination 0 Lux (IR On)



*Some features are model specific



*Some features are model specific

CKB234-A52



Key Features

- 1/3" Sony Super HAD II CCD
- 520TVL Resolution
- Lens: 4mm Fixed Lens
- IR LED 36 Pcs / Illumination Distance 30 - 35m
- Day & Night
- Minimum Illumination 0 Lux (IR On)

CKB334-A48



Key Features

- 1/3" Sony Super HAD II CCD
- 480TVL Resolution
- Lens: 4-9mm Lens
- IR LED 42 Pcs / Illumination Distance 35 - 40m
- Day & Night
- Minimum Illumination 0 Lux (IR On)


CKB334-A52



Key Features

- 1/3" Sony Super HAD II CCD
- 520TVL Resolution
- Lens: 4-9mm Lens
- IR LED 48 Pcs / Illumination Distance 40 - 45m
- Day & Night
- Minimum Illumination 0 Lux (IR On)


CKB120-A47



Key Features

- 1/3" Sony Super HAD II CCD
- 520TVL Resolution
- Lens: 3.6mm Lens
- IR LED 25 Pcs / Illumination Distance 15 - 20m
- Day & Night
- IP 67

CKB320-A60



Key Features

- 1/3" Sony Super HAD II CCD
- 600TVL Resolution
- Lens: 3.6mm Lens
- IR LED 25 Pcs / Illumination Distance 15 - 20m
- Day & Night
- IP 67
- OSD / P M / Motion detection

CKB423-A55



Key Features

- 1/3" Sony CCD Sensor
- 550TVL Resolution
- Lens: 4-9mm Varifocal Lens
- IR LED 70 Pcs / Illumination Distance 55 - 60m
- Day & Night
- IP 66


CKB420-A60



Key Features

- 1/3" Sony Super HAD II CCD
- 600TVL Resolution
- Lens: 3.6mm Lens
- IR LED 50 Pcs / Illumination Distance 40 - 50m
- Day & Night
- IP 67
- OSD / P M / Motion detection

CKB520-A60



Key Features

- 1/3" Sony Super HAD II CCD
- 600TVL Resolution
- Lens: 3.6mm Lens
- Digital Zoom (x1 ~x10)
- IR LED 25 Pcs / Illumination Distance 15 - 20m
- WDR / 3DDNR / LSC / DIS
- OSD / P M / Motion detection

CKB620-A60



Key Features

- 1/3" Sony Super HAD II CCD
- 600TVL Resolution
- Lens: 2.8-12mm External Control AVF Lens
- IR LED 40 Pcs / Illumination Distance 35 - 40m
- Day & Night
- OSD / P M / Motion detection

CKB120-A65



Key Features

- 1/3" Sony Super HAD II CCD
- 650TVL Resolution
- Lens: 2.8-12mm External Control AVF Lens
- IR LED 40 Pcs / Illumination Distance 35 - 40m
- Day & Night
- OSD / P M / Motion detection


CKB720-A60



Key Features

- 1/3" Sony Super HAD II CCD
- 600TVL Resolution
- Lens: 2.8-12mm
- Digital Zoom (x1 ~x10)
- IR LED 40 Pcs / Illumination Distance 35-40m
- WDR / 3DDNR / LSC / DIS
- OSD / P M / Motion detection

CKB820-A60



Key Features

- 1/3" Sony Super HAD II CCD
- 600TVL Resolution
- Lens: 5-50mm
- Digital Zoom (x1 ~x10)
- IR LED 56 Pcs + 14 Power LED / Illum. Distance 96-100m
- WDR / 3DDNR / LSC / DIS
- OSD / P M / Motion detection

ZOOM CAMERAS

CKZ121-A24



Key Features

- 27x Optical Zoom
- 420TVL Resolution
- 0.8 Lux Minimum Illumination
- RS 485 Serial Comm

CKZ134-A48



Key Features

- 30x Optical Zoom
- 480 TVL Resolution
- 0.1 Lux Minimum Illumination
- RS 485 Serial Comm

CKS123-A60



Key Features

- 1/3" Colour Sony Super HAD CCD DSP Camera
- 600 TV Lines
- Lens 2.8-11 / 3.7-12 / 9-22 mm
- IR Sensitive (Day & Night)
- 360° Rotation, 32 Preset Positions
- Pan Speed Up to 30°/S, Tilt Speed Up To 30°/S

CKS223-A54



Key Features

- 1/4" Interline Transfer CCD
- 540 TV Lines
- 3.8 - 38 mm, View Angle: 64° - 7°
- Zoom 10x Optical, 10x Digital
- 360° Rotation, 127 Preset Positions
- Pan Speed Up to 30°/S, Tilt Speed Up To 30°/S
- Housing With Blower & Heater

CKS223-A540



Key Features

- 1/4" Interline Transfer CCD
- 540 TV Lines
- 3.8 - 38 mm, View Angle: 64° - 7°
- Zoom 10x Optical, 10x Digital
- 360° Rotation, 127 Preset Positions
- Pan Speed Up to 30°/S, Tilt Speed Up To 30°/S
- Housing With Blower & Heater

CKS423-A540



Key Features

- 1/4" Sony Exview CCD
- More than 540 TV Lines
- 3.8 - 122.4 mm
- View Angle: 57.8° - 1.7°
- Zoom 36x Optical, 12x Digital
- 360° Rotation, 128 Preset Positions
- Pan Speed Up to 280°/S, Tilt Speed Up To 280°/S

CKS423-A54C



Key Features

- 1/4" Sony Exview CCD
- More than 540 TV Lines
- 3.8 - 122.4 mm
- View Angle: 57.8° - 1.7°
- Zoom 36x Optical, 12x Digital
- 360° Rotation, 128 Preset Positions
- Pan Speed Up to 280°/S, Tilt Speed Up To 280°/S

CKS423-A54S



Key Features

- 1/4" Sony Exview CCD
- More than 540 TV Lines
- 3.8 - 122.4 mm
- View Angle: 57.8° - 1.7°
- Zoom 36x Optical, 12x Digital
- 360° Rotation, 128 Preset Positions
- Pan Speed Up to 280°/S, Tilt Speed Up To 280°/S

IR HIGH SPEED DOME CAMERAS

CKS623-A560



Key Features

- 1/4" Sony Exview CCD
- More than 560 TV Lines
- 4.1 - 73.8 mm,
- View Angle: 4.8° ~ 2.8°
- Zoom 18x Optical, 12x Digital
- 3-Level Lighting Protection
- IR Dist.: 100M / With Laser: 200M
- Speed Pan 1~180°/S, Tilt 1~180°/S

CKS723-A560



Key Features

- 1/4" Sony Exview CCD
- More than 560 TV Lines
- 3.5 - 91 mm,
- View Angle: 54.2° ~ 2.2°
- Zoom 26x Optical, 12x Digital
- 3-Level Lighting Protection
- IR Dist.: 100M / With Laser: 200M
- Speed Pan 1~180°/S, Tilt 1~180°/S

CKS823-A560



Key Features

- 1/4" Sony Exview CCD
- More than 560 TV Lines
- 3.5 - 129 mm,
- View Angle: 41° ~ 1.5°
- Zoom 37x Optical, 14x Digital
- 3-Level Lighting Protection
- IR Dist.: 100M / With Laser: 200M
- Speed Pan 1~180°/S, Tilt 1~180°/S





***Some features are model specific**



***Some features are model specific**



HD BOX CAMERA HD DOME CAMERAS

<p>CKK120-AM2</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" CMOS • 2 Megapixel (Full HD) • Progressive Scan • Digital Zoom (x1 ~x112) • Day & Night • ESC (Electronic Shutter Control) • 1Lux F1.2 (Color) / 0.1Lux (B/W) • OSD Menu / P M / Motion Detection 	<p>CKD120-AM2</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" CMOS • 2 Megapixel (Full HD) • Lens 3.7mm • Digital Zoom (x1 ~x112) • Day & Night • ESC (Electronic Shutter Control) • 1Lux F1.2 (Color) / 0.1Lux (B/W) • OSD Menu / P M / Motion Detection 	<p>CKD220-AM2</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" CMOS • 2 Megapixel (Full HD) • Lens 2.8-12mm AVF Lens • Digital Zoom (x1 ~x112) • Day & Night • ESC (Electronic Shutter Control) • 1Lux F1.2 (Color) / 0.1Lux (B/W) • OSD Menu / P M / Motion Detection 	<p>CKD320-AM2</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" CMOS • 2 Megapixel (Full HD) • Lens 2.8-12mm AVF Lens / 40 Pcs IR LED • Digital Zoom (x1 ~x112) • Day & Night • ESC (Electronic Shutter Control) • 1Lux F1.2 (Color) / 0.1Lux (B/W) • OSD Menu / P M / Motion Detection
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VANDAL PROOF HD CAMERAS

<p>CKV120-AM2</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" CMOS • 2 Megapixel (Full HD) • Lens 3.7mm • Digital Zoom (x1 ~x112) • Day & Night • ESC (Electronic Shutter Control) • 1Lux F1.2 (Color) / 0.1Lux (B/W) • OSD Menu / P M / Motion Detection 	<p>CKV220-AM2</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" CMOS • 2 Megapixel (Full HD) • Lens 2.8-12mm AVF Lens • Digital Zoom (x1 ~x112) • Day & Night • ESC (Electronic Shutter Control) • 1Lux F1.2 (Color) / 0.1Lux (B/W) • OSD Menu / P M / Motion Detection 	<p>CKV320-AM2</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" CMOS • 2 Megapixel (Full HD) • Lens 2.8-12mm AVF Lens / 40 Pcs IR LED • Digital Zoom (x1 ~x112) • Day & Night • 1Lux F1.2 (Color) / 0.1Lux (B/W) • OSD Menu / P M / Motion Detection 	<p>CKB120-AM2</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" CMOS • 2 Megapixel (Full HD) • Lens 2.8-12mm AVF Lens / 40 Pcs IR LED • Digital Zoom (x1 ~x112) • Day & Night • 1Lux F1.2 (Color) / 0.1Lux (B/W) • OSD Menu / P M / Motion Detection
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HD IR CAMERA

BOX IP CAMERAS

<p>CKK123-P56</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" Hi-Sensitivity Technology With ICR Filter Day&Night • 560 TVL Resolution • Triple Streaming • Event Triggered Picture Can be Sent via FTP or E-mail • Two Way Audio Integration • 64 Channels Recording Software Free 	<p>CKK223-P56</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" Hi-Sensitivity Technology With ICR Filter Day&Night • 560 TVL Resolution • Triple Streaming Compression • Event Triggered Picture Can be Sent via FTP or E-mail • Two Way Audio Integration • 3GPP / PDA Service Support 	<p>CKK523-PM2</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" Micron CMOS • 2.0 Megapixel 720P @ 30 fps • Triple stream • Video Motion Detection • 2 Way Audio Support • 3GPP / PDA Service Support • Expanded For Data Storage SD • 64 Channels Recording Software Free 	<p>CKK623-PM2</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/2.7" CMOS Sensor • 2.0 Megapixel 1920x1080 @ 30fps • 3D-DNR Noise Reduction • 2 Way Voice • Triple Streaming • SD Memory • 64 Channels Recording Software Free
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DOME IP CAMERA

<p>CKK723-PM2</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/2.7" CMOS Sensor • 2.0 Megapixel 1920x1080 @ 30fps • Triple stream H.264/JPEG/MPEG4 Compression • 3D-DNR Noise Reduction • 2 Way Voice • SD Memory • 64 Channels Recording Software Free 	<p>CKK723-PM3</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/2.5" 5 Mega pixel Color CMOS • 3.0 Megapixel 2048x1536 @ 20fps • High Power Capacity with DaVinci • 10X Digital Zoom • 2 Way Voice • Triple Streaming • Mechanical Filter Changing • 64 Channels Recording Software Free 	<p>CKD123-PM3</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/2.5" 5 MegaPixel Color CMOS • 3 Megapixel 2048x1536 @ 20fps • Lens: 3.0~9.0mm Varifocal Lens • 2 -way Audio Support • 10X Digital Zoom • 24 Pcs IR LED / Illumination distance : 20 M • High Power Capacity with DaVinci
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VANDAL PROOF IP CAMERAS

<p>CKV123-P56</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" CCD • 560 TVL • Lens: 3.7~12mm Varifocal Lens • D-WDR / 3D DNR • 18 Pcs IR LED / Illumination distance : 15 M • With Roof Dome Cover for Indoors & Outdoors 	<p>CKV123-PM2</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/3" Micron Progressive Scan CMOS • 2 Megapixel 1600x1200 Resolution (15 fps) • Lens: 2.7~9 mm DC Iris Varifocal • True Day&Night Mechanism • Image Motion Detection • 18 Pcs IR LED / Illumination dist.15M • SD Backup 	<p>CKV223-PM2</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/2.7" CMOS • 2 Megapixel 1920x1080 @ 30fps • Lens: 3 ~ 9mm Varifocal Lens • 2-way Audio Support • Monitoring on iPhone/Android/Symbian/Blackberry/Mac • 18 Pcs IR LED / Illumination dist.15M • SD Backup 	<p>CKV123-PM3</p>  <p>Key Features</p> <ul style="list-style-type: none"> • 1/2.5" 5 Megapixel Color CMOS • 3 Megapixel 2048x1536 @ 20fps • Lens: 3 ~ 9mm Varifocal Lens • 2-way Audio Support • 10X Digital Zoom • 24 Pcs IR LED / Illumination dist.20M • Triple Streaming • High Power Capacity with DaVinci
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*Some features are model specific



*Some features are model specific

IR IP CAMERAS

CKB223-PM2



Key Features

- 1/3" Micron Progressive Scan CMOS
- 2.0 Megapixels 1600x1200 Resolution (15 fps)
- Lens 3.6~16 mm Varifocal lens
- 2-way Audio Support
- True Day&Night Mechanism with IR Cutting Filter (ICR)
- 35 Pcs IR LED / Illumination distance : 30 M
- Triple Streaming H.264 / MJPEG/ MPEG4 Compression Formats
- Motion Detection
- With 64 Channels Free Bundled Recording Software

CKB423-PM2



Key Features

- 1/2.7" CMOS
- 2.0 Megapixels 1920x1080 @ 30fps
- Lens 3.3-12 mm Varifocal lens
- 2-way Audio Support
- 3D-DNR Digital Noise Reduction
- 35 Pcs IR LED / Illumination distance : 30 M
- Triple Streaming
- SD Support
- With 64 Channels Free Bundled Recording Software

CKB323-PM3



Key Features

- 1/2.5" CMOS
- 3.0 Megapixels 2048x1536 @ 20fps
- Lens 3.0~9.0mm Varifocal Lens
- 2-way Audio Support
- 10X Digital Zoom
- 4 LED + 4 Power LED / Illumination distance : 25 - 30 M
- Triple Streaming
- High Power Capacity with DaVinci (TM320DM368) DSP
- With 64 Channels Free Bundled Recording Software

CKB323-PM2



Key Features

- 1/3" CMOS Sensor
- 2.0 Megapixels 720P @ 30 fps
- Lens 3.6 ~ 16 mm Varifocal Lens
- 2-way Audio Support
- 10X Digital Zoom
- 42 pcs LED / Illumination distance : 40 - 30 M
- Triple Streaming
- True Day&Night Mechanism with IR Cutting Filter (ICR)
- With 64 Channels Free Bundled Recording Software

SPEED DOME IP CAMERAS

CKS162-P60S



Key Features

- Sony 1/3" Super HAD CCD
- D1 @ 30fps
- Mini Speed Dome
- To Use for Interior Medium
- DC Auto Iris Lens (F1.2, f = 4.0mm - 9.0mm)
- DSS (Digital Slow Shutter)
- 0° ~ 360° Pan Angle (Endless)
- -2° ~ 90° Tilt Angle
- 240 Preset Positions (Depending on Protocol)
- Auto Pan, Pattern, Swing, Alarm, Auto Flip
- 4 Alarm Input / 1 Output
- Automatic Multiple Protocol
- Automatic Adjustment (Self Calibration)
- Automatic Identification for Positions

CKS262-P54S



Key Features

- Sony 1/3" Super HAD CCD
- D1 @ 30fps
- Mini Speed Dome
- To Use for Interior Medium
- 10X Optical Zoom
- 16X Digital Zoom
- DSS (Digital Slow Shutter)
- 0° ~ 360° Pan Angle (Endless)
- -2° ~ 90° Tilt Angle
- 240 Preset Positions (Depending On Protocol)
- 1 Auto Pan
- Pattern
- 4 Swing, Alarm, Auto Flip
- 4 Alarm Input / 1 Output
- Automatic Multi Protocol
- Automatic Adjustment (Self Calibration)
- Automatic Identification For Position

CKS362-P540



Key Features

- Sony 1/4" Super HAD CCD
- D1 @ 30fps
- Mini Speed Dome
- To Use External Medium
- 10X Optical Zoom
- 16X Digital Zoom
- Mechanical Filter Changing
- DSS (Digital Slow Shutter)
- 0° ~ 360° Pan Angle(Endless)
- -2° ~ 90° Tilt Angle
- 240 Preset Positions (Depending on Protocol)
- 1 Auto Pan
- Pattern
- 4 Swing, Alarm, Auto Flip
- 4 Alarm Input / 1 Output
- Automatic Multi Protocol
- Automatic Adjustment (Self Calibration)
- Automatic Identification for Position
- Interior Heater&Fan

CKS262-P600



Key Features

- Sony 1/4" Super HAD CCD
- D1 @ 30fps
- To Use For External Medium
- 27X Optical Zoom
- 16X Digital Zoom
- DSS (Digital Slow Shutter)
- 0° ~ 360° Pan Angle (Endless)
- -2° ~ 182° Tilt Angle
- 240 Preset Positions (Depending On Protokol)
- 1 Auto Pan
- Pattern
- 4 Swing, Alarm, Auto Flip
- 4 Alarm Input / 1 Output
- Automatic Multiple Protocol
- Automatic Adjustment (Self Calibration)
- Automatic Identification For Position
- Interior 2 Pcs Heater & 2 Pcs Fan
- IP67 Ingress Protection
- Vandal-Proof

HIGH SPEED DOME IP CAMERAS

CKS362-P600



Key Features

- Sony 1/4" Super HAD CCD
- D1 @ 30fps
- To Use For External Medium
- 33X Optical Zoom
- 16X Digital Zoom
- DSS (Digital Slow Shutter)
- 0° ~ 360° Pan Angle (Endless)
- -2° ~ 182° Tilt Angle
- 240 Preset Positions (Depending on Protocol)
- 1 Auto Pan
- Pattern
- 4 Swing, Alarm, Auto Flip
- 4 Alarm Input / 1 Output
- Automatic Multiple Protocol
- Automatic Adjustment (Self Calibration)
- Automatic Identification For Position
- Interior 2 Pcs Heater & 2 Pcs Fan
- IP67 Ingress Protection
- Vandal-Proof

CKS462-P600



Key Features

- Sony 1/3" Super HAD CCD (Depending on Protocol)
- D1 @ 30fps
- To Use For External Medium
- 33X Optical Zoom
- 16X Digital Zoom
- DSS (Digital Slow Shutter)
- 0° ~ 360° Pan Angle (Andless)
- -2° ~ 182° Tilt Angle
- 240 Preset Positions
- 1 Auto Pan
- Pattern
- 4 Swing, Alarm, Auto Flip
- 4 Alarm Input / 1 Output
- Automatic Multiple Protocol
- Automatic Adjustment (Self Calibration)
- Automatic Identification for Positions
- Interior 2 Pcs Heater & 2 Pcs Fan
- IP67 Ingress Protection
- Vandal-Proof

CKS562-PM20



Key Features

- HD-SDI Output
- Vector Scan
- 1080p @ 30fps
- 1/2.8" 2.0M Progressive CMOS Sensor
- To Use For External Medium
- 20X Optical Zoom
- 16X Digital Zoom
- DSS (Digital Slow Shutter)
- 0° ~ 360° Pan Angle (Endless)
- -2° ~ 182° Tilt Angle
- 240 Preset Positions (Depending on Protocol)
- 1 Auto Pan
- Pattern
- 4 Swing, Alarm, Auto Flip
- 4 Alarm Input / 1 Output
- Automatic Multiple Protocol
- Automatic Adjustment (Self Calibration)
- Automatic Identification For Position
- Interior 2 Pcs Heater & 2 Pcs Fan
- IP67 Ingress Protection
- Vandal-Proof

CKS562-PM2C



Key Features

- HD-SDI Output
- Vector Scan
- 1080p @ 30fps
- 1/2.8" 2.0M Progressive CMOS Sensor
- To Use For External Medium
- 20X Optical Zoom
- 16X Digital Zoom
- DSS (Digital Slow Shutter)
- 0° ~ 360° Pan Angle (Endless)
- -2° ~ 182° Tilt Angle
- 240 Preset Positions (Depending on Protocol)
- 1 Auto Pan
- Pattern
- 4 Swing, Alarm, Auto Flip
- 4 Alarm Input / 1 Output
- Automatic Multiple Protocol
- Automatic Adjustment (Self Calibration)
- Automatic Identification For Position
- Interior 2 Pcs Heater & 2 Pcs Fan
- IP67 Ingress Protection
- Vandal-Proof



*Some features are model specific



*Some features are model specific

RUGGED PTZ CAMERA

Designed specifically for professional surveillance use. The camera uses ultra-low-light (0.00003 LUX) with 'Night Mode' cameras to produce unbeatable images in day and night conditions.

The addition of the Fog Camera allows improved performance in mist and fog.

The flexible 6 to 100x optical zoom and pan tilt system allows targets to be monitored at long distance and tracked using the proportional pan, tilt and zoom system.

Deployable in minutes and powered by either battery pack or mains power, this rapid deployment system is a powerful tool for any serious surveillance operation.

The cameras detailed below were developed during the 'cold war' and operate at a sensitivity of over 150 times greater than traditional cameras. We have been supplying these to police and military customers for many years for use in darkened and zero light.



ROBOT PTZ CAMERA



Key Features

- Provision of overview [spotting camera] with cross hair to simplify long range use
- IP66 rated housing
- Improved stepper motor for greater pan and tilt accuracy and proactive clutch mechanism
- 3-camera electronic switching to include the camera
- Additional 25 preset positions [taking total to 30 preset positions]
- High resolutions control system or integration to Pelco and other Telemetry standards
- Additional space for optional heater and cooling accessories
- Expansion to have on-screen display of compass heading, camera identity and zoom level
- Available in choice of colour finishes and camouflage effects if required

Controller offers

- Colour screen hi contrast
- Proportional PTZ control via joystick
- Fine Tuned focus control
- Proprietary hi-res telemetry
- Preset position button

- Patented double IR and white light illumination allows an IR illumination over 100m which extends to an illumination with white light over 200m in case of an alarm. Thus, color images can be acquired during night time.
- White light illumination is made possible by attaching the CAS122-VVL accessory to Robot Cameras.
- Improved motor system of the Robot Camera provides a very silent, controllable real preset position selection and precise operation.
- Robot camera with white light illumination can provide image up to 200m during night time.

- Robot camera has a special and creative design to lower the installation, operation and maintenance costs.
- 32 privacy masking zones.
- Image quality with 0.01 lux light intensity.
- Performance suitable for license plate recognition systems.
- Robot Camera freezes the image for a higher quality recording on DVR while navigating between preset points.
- Full compatibility with CAS122-VVL: CKP122-A55, CKP322-A55, CKP522-A54, CKP122-P55 and CKP522-P54 products.

The left hand image is an overview camera fixed to the Longview Lens. The close up view is at a distance of 1,400 metres.



1,400 metres from camera location



Ship on french side of channel over 20 kilometres from the camera location

Specifications	
Camera 1	0.00003 Lux Ultra-Low-Light Camera unit 540 lines TV resolution ad night mode 1+2
Camera 2	Fog Cameras 570 TV lines 0.012 Lux, 15db real time contrast correction
Camera 3	520 Line Colour hi-res colour camera 0.1 Lux for day time and well lit areas
Preset	25 Positions
Weight	25 kg (max if finished in stainless steel)
Dimension	960 (L) x 450 (W) x 660 (H)
Lens 1	6xto 25x Zoom (400mm with 25mm objective)
Lens 2	25x to 100x zoom (1050mm with 115mm objective)
Signal Output	PAL
Pan Speed	Variable Max to 11 degree per second
Pan Resolution	Max 20cm at 1000 meters



Normal Infrared Camera

White Light Illumination



Color at Night

Specifications

- 36X Optical Zoom, 12x Digital Zoom
- Wiper
- IR Spot
- 550TVL Resolution
- Unique Design
- Patent - Colour at Night Technology (200m)
- 32 privacy zones
- IP68 - Vandal Proof Design
- Operating temperature -40C to +60C

Options

- IR only for 90m illumination
- Thermal camera
- IP with H264 compression
- Water Bottle (5Litre)
- Solar powered Rapid Deployment Kit

CDD223-04 / CDD223-08 / CDD223-16



*Free DDNS Support

Key Features

- Simultaneous Connection 1 Administrator to 10 User, 11 Users over Network
- Pre-Alarm Recording 10s, Post-Alarm Recording 60 s
- Support Watermark
- Support Symbian, Windows Mobile, Blackberry, iPhone, Android
- Notification Event with E-mail
- H.264 Real-time DVR
- Graphic Interface, Easy to Use
- 8x Digital Zoom
- VGA 1280*1024
- Support Touch Screen
- Snapshot & Local Recording through web interface
- Support Remote Configuration and Setting
- Support CMS
- 3G Data Card supported

CDD226-04 / CDD226-09 / CDD226-16



Key Features

- H.264 16CH / 9CH / 4CH Stand-Alone DVR Series
- The World's Only Dual Indexing File System (Patent No. 0915445)
- PENTAPLEX : Operates Record, Playback, Network, Copy and Backup (Mirroring Backup and Event Backup)
- Individual Settings per Channel
- Installs 1 HDD Internally + External USB HDD (Rear 1 Port) + XHD-3U (max. 3 HDDs) + XHD-10U x 4 (max. 40 HDDs)
- External HDD Bay Support (XHD-10U and XHD-3U)
- Backup to Remote FTP Server
- Copy: USB Memory Stick, CD R, CD RW, DVD±R, DVD±RW, DVD RAM and FTP Server
- Built-in File Player on Copied Media and AVI Converting
- Search: Calendar, Time and Event, Text, Block, File (Copied Data)
- CMS (Central Management Software): max. 64CH Display and Infinite Number of DVR Management
- Web Base Remote Setup and DVR Control
- Email Event Notification with JPEG
- POS(ANX-PB-401A/B and AVE) Support with Easy Text String Search, Text Information Overlay on Record Data
- Windows Mobile Phone Support
- Dedicated H.264 Encoder for Network (NTSC: 150 ips at CIF and PAL: 125 ips at CIF)
- DDNS (Dynamic DNS) Support
- Auto Port Forwarding (Automatic Router Setting)
- Immediate Network Responce with the Delay Under 0.2 Sec
- User Selectable VGA Resolution
- HDD S.M.A.R.T Support
- Snap Shot (JPEG capture) Support
- Support Watermark & Digital Code Integrity Checking
- Bitmap Title Support
- Two-way Full Duplex Audio
- PTZ Full Function Support
- Full GUI Support

CDD326-04 / CDD326-09 / CDD326-16



Key Features

- H.264 16CH/ 9CH/ 4CH stand-alone DVR series
- The world's only dual indexing file system (Patent No. 0915445)
- PENTAPLEX : Operates Record, Playback, Network, Copy and Backup (Mirroring Backup and Event Backup)
- Individual Settings per Channel
- Installs 1 HDD Internally + External USB HDD (Rear 1 Port) + XHD-3U (max. 3 HDDs) + XHD-10U x 4 (max. 40 HDDs)
- External HDD Bay Support (XHD-10U and XHD-3U)
- Backup to Remote FTP Server
- Copy: USB Memory Stick, CD R, CD RW, DVD±R, DVD±RW, DVD RAM and FTP Server
- Built-in File Player on Copied Media and AVI Converting
- Search: Calendar, Time and Event, Text, Block, File (Copied Data)
- CMS (Central Management Software): Max. 64CH Display and Infinite Number of DVR Management
- Web Base Remote Setup and DVR Control
- Email Event Notification with JPEG
- POS (ANX-PB-401A/B and AVE) Support with Easy Text String Search, Text Information Overlay on Record Data
- Windows Mobile Phone Support
- Dedicated H.264 Encoder for Network (NTSC: 150ips at CIF and PAL: 125ips at CIF)
- DDNS (Dynamic DNS) Support
- Auto Port Forwarding (Automatic Router Setting)
- Immediate Network Responce with the Delay Under 0.2 Sec
- User Selectable VGA Resolution
- HDD S.M.A.R.T Support
- Snap Shot (JPEG Capture) Support
- Support Watermark & Digital Code Integrity Checking
- Bitmap Title Support
- Two-way Full Duplex Audio
- PTZ Full Function Support
- Full GUI Support

CDD628-08 / CDD628-16



Key Features

- 16-Channel real-time encoding with Dual-Stream. Preview, storage, playback all at D1 resolution
- Simultaneous 4-Channel decoding at D1 resolution
- Full H.264 compliance
- Lowest encode-decode latency. ASIC CODEC latency below 35ms (NTSC) or 45ms (PAL)
- High definition (Up to 1920x1080) main video output and 16x4 matrix output. Support HDMI, DVI, VGA interfaces
- Simplified Windows style user-friendly graphic user interface, online or local USB software upgrade
- Gigabit port to support complete network protocol suite
- Support 6 SATA up to 12TB local storage
- Pre-alarm recording and post-alarm recording up to 15 minutes
- Support playback file search, pause, fast forward, slow forward, rewind, per-frame mode
- Support motion detection, video privacy, video tampering and video lost alarm
- Automatic temperature control and RTC for failure self-recovery and system re-start
- PTZ control
- Support JPEG snapshot
- Support digital watermarks

CDD728-08 / CDD728-16



Key Features

- 16-Channel real-time encoding with Dual-Stream. Preview, storage, playback all at D1 resolution
- Simultaneous 4-Channel decoding at D1 resolution
- Full H.264 compliance
- Lowest encode-decode latency. ASIC CODEC latency below 35ms (NTSC) or 45ms (PAL)
- High definition (Up to 1920x1080) main video output and 16x4 matrix output. Support HDMI, DVI, VGA interfaces
- Simplified Windows style user-friendly graphic user interface, online or local USB software upgrade
- Gigabit port to support complete network protocol suite
- Support 8 SATA up to 16T local storage
- Pre-alarm recording and post-alarm recording up to 15 minutes
- Support playback file search, pause, fast forward, slow forward, rewind, per-frame mode
- Support motion detection, video privacy, video tampering and video lost alarm
- Automatic temperature control and RTC for failure self-recovery and system re-start
- PTZ control
- Support JPEG snapshot
- Support digital watermarks

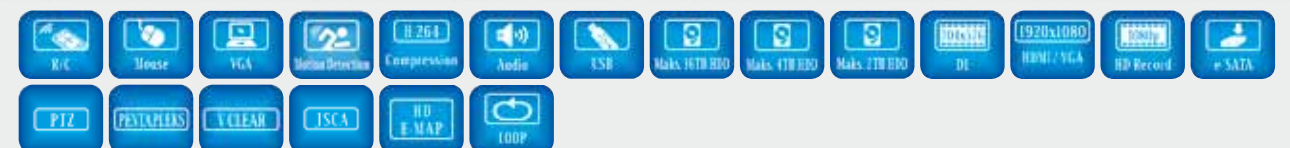
HD DVR

CDD828-04 / CDD828-08 / CDD928-04



Key Features

- 4/8 Channel real-time encoding with Dual-Stream
- Support 1080p HD Display Resolution, Record and Playback
- Simultaneous 8 CH HD (720p) or 4 CH Full HD 1080p Record Resolution
- 4/8 CH CIF Recording or Streaming and 1 CH HD 1080p Playback
- H.264 Compression
- Lowest Encode-decode Latency. ASIC CODEC Latency Below 45ms (PAL)
- High Definition (1920x1080) Main Output and 4 CH Matrix Output. Support HDMI, DVI, VGA Interfaces
- Windows Style User-Friendly GUI
- Online or Local USB Software Upgrade
- Gigabit Port to Support Complete Network Protocol Suite
- Support 8 SATA up to 16TB Local Storage
- Pre-alarm Recording and Post-alarm Recording up to 15 minutes
- Support Playback File Search, Pause, Forward, Slow Forward, Per-Frame Mode
- Motion Detection, Privacy Masking, Video Tampering and Video Lost Alarm



*Some features are model specific

CDN723-04



Key Features

- Preview, storage, playback all at D1 resolution
- Simultaneous 4-Channel decoding at D1 resolution, 4-Channel decoding at D1 resolution
- Full H.264 compliance
- Lowest encode-decode latency. ASIC CODEC latency below 35ms (NTSC) or 45ms (PAL)
- High definition (Up to 1920x1080) main video output and 16x4 matrix output. Support HDMI, DVI, VGA interfaces
- Simplified Windows style user-friendly graphic user interface, online or local USB software upgrade
- Gigabit port to support complete network protocol suite
- Firmware update via USB and network
- Pre-alarm recording and post-alarm recording up to 15 minutes
- Support playback file search, pause, fast forward, slow forward, rewind, per-frame mode
- Support motion detection, video privacy, video tampering and video lost alarm
- Automatic temperature control and RTC for failure self recovery and system re-start
- PTZ control
- Support JPEG snapshot
- Support digital watermarks

CDN723-08 / CDN723-16



Key Features

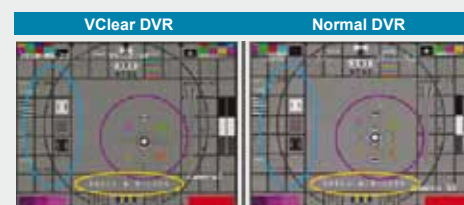
- Preview, storage, playback all at D1 resolution
- Simultaneous 8/16-Channel decoding at D1 resolution, 4-Channel decoding at D1 resolution
- Full H.264 compliance
- Lowest encode-decode latency. ASIC CODEC latency below 35ms (NTSC) or 45ms (PAL)
- High definition (Up to 1920x1080) main video output and 16x4 matrix output. Support HDMI, DVI, VGA interfaces
- Simplified Windows style user-friendly graphic user interface, online or local USB software upgrade
- Gigabit port to support complete network protocol suite
- Firmware update via USB and network
- Pre-alarm recording and post-alarm recording up to 15 minutes
- Support playback file search, pause, fast forward, slow forward, rewind, per-frame mode
- Support motion detection, video privacy, video tampering and video lost alarm
- Automatic temperature control and RTC for failure self-recovery and system re-start
- PTZ control
- Support JPEG snapshot
- Support digital watermarks

PATENTED TECHNOLOGIES FOR x 28 SERIES DVRs

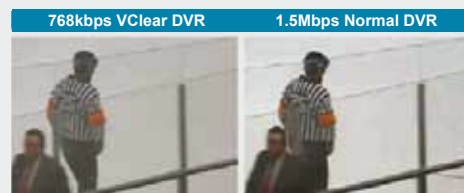
- VSecureNet™, network intrusion protection technology that guarantee network data security against unauthorized access



- VClear™ removes noise in the base-band video and increases pixel correlation, resulting in superior video quality at much lower bit rates than otherwise possible.



- JSCATM (Joint Source-channel Coding Adaptation) analyses the channel condition and adjusts the source coding parameters accordingly, resulting in superior network performance.



- VSafe™, the video analysis technology, implements advanced video analytics, such as object recognition and extraction, motion detection and tracking, etc.







*Some features are model specific



MANUAL IRIS VARIFOCAL



Technical Features		
Model	CLM224-035-08	CLM324-035-08
Focal-Length (mm)	3.5 ~ 8 mm	3.5 ~ 8 mm
Aperture (D/f')	1:1.4	1:1.2
Mount	CS	CS
Format (Inch)	1/3"	1/3"
Horizontal Field	80° ~ 36°	77° ~ 57°
Dimension (mm)	33 x 41.5 x 46.5	Ø30 x 42.4
Weight (g)	42.8	32.8
M.O.D. (m)	0.2	0.3
Operation	Focus	(w/lock)
	Zoom	(w/lock)
	Iris	DC

DAY / NIGHT INFRARED LENS



Technical Features			
Model	CLD124-03-08	CLD124-04-09	CLD224-06-60
Focal-Length (mm)	3 ~ 8 mm	4 ~ 9 mm	6 ~ 60mm
Aperture (D/f')	1:1.4	1:1.2	1:1.6
Mount	CS	CS	CS
Format (Inch)	1/3"	1/3"	1/3"
Horizontal Field	80° ~ 36°	77° ~ 57°	44° ~ 4°40'
Dimension (mm)	33 x 41.5 x 46.5	Ø29 x 41.5 x 43.5	Ø30 x 42.4
Weight (g)	26	56	118
M.O.D. (m)	0.2	0.2	0.3
Operation	Focus	(w/lock)	(w/lock)
	Zoom	(w/lock)	(w/lock)
	Iris	DC	DC

VARIFOCAL AUTO IRIS LENS					
Technical Features					
Model	CLA124-035-09	CLA124-035-08	CLA124-028-12	CLA224-06-60	CLA224-05-100
					
Focal-Length (mm)	3.5 ~ 9 mm	3.5 ~ 8 mm	2.8 ~ 12 mm	6 ~ 60 mm	5 ~ 100 mm
Aperture (D/f')	1:1.4	1:1.4	1:1.6	1:1.6	1:1.6
Mount	CS	CS	CS	CS	CS
Format (Inch)	1/3"	1/3"	1/3"	1/3"	1/3"
Horizontal Field	77° ~ 30°	80° ~ 36°	92° ~ 4°	44° ~ 4°40'	44° ~ 4°40'
Dimension (mm)	Ø33 x 47 x 45	Ø33 x 47 x 45	Ø37.5 x 46 x 61.5	Ø37.5 x 46 x 70	Ø37.5 x 46 x 70
Weight (g)	66	95	120	130	160
M.O.D. (m)	0.2	0.2	0.2	0.3	0.3
Operation	Focus	(w/lock)	(w/lock)	(w/lock)	(w/lock)
	Zoom	(w/lock)	(w/lock)	(w/lock)	(w/lock)
	Iris	DC	DC	DC	DC

VARIFOCAL AUTO IRIS LENS			
Technical Features			
Model	CLA329-03-08	CLA329-028-08	CLA429-05-50
			
Focal-Length (mm)	3 ~ 8 mm	2.8 ~ 8 mm	5 ~ 50mm
Aperture (D/f')	1:1.4	1:0.95	1:1.6
Mount	CS	CS	CS
Format (Inch)	1/3"	1/3"	1/3"
Horizontal Field	94°56' ~ 34°34'	99°52' ~ 35°14'	51°59' ~ 5°24'
Dimension (mm)	Ø37.5 x 49.3	Ø37.5 x 51.3	Ø40.5 x 51.2
Weight (g)	50	50	100
M.O.D. (m)	0.2	0.2	0.2
Operation	Focus	Manual	Manual
	Zoom	Manual	Manual
	Iris	Auto (DC Type)	Auto (DC Type)

MEGAPIXEL VARIFOCAL AUTO IRIS LENS		
Technical Features		
Model	CLM424-04-10-M2	CLA524-04-10-M2
		
Focal-Length (mm)	4 ~ 10 mm	4 ~ 10 mm
Aperture (D/f')	1:1.6	1:1.6
Mount	CS	CS
Format (Inch)	1/2"	1/2"
Horizontal Field	80°48' ~ 37°18'	87.2° ~ 44.4°
Dimension (mm)	Ø32 x 45 x 41	Ø36 x 50 x 48
Weight (g)	85	85
M.O.D. (m)	0.2	0.5
Operation	Focus	(w/lock)
	Zoom	(w/lock)
	Iris	Oto (DC Tip)

DAY / NIGHT INFRARED LENS		
Technical Features		
Model	CLD329-029-08	CLD429-027-135
		
Focal-Length (mm)	2.9 ~ 8 mm	2.7 ~ 13.5 mm
Aperture (D/f')	1:0.95	1:1.3
Mount	CS	CS
Format (Inch)	1/3"	1/3"
Horizontal Field	94°37' ~ 35°18'	99°42' ~ 74°17'
Dimension (mm)	Ø37.3 x 51.3	Ø58.7 x 55.2
Weight (g)	45	70
M.O.D. (m)	0.2	0.2
Operation	Focus	Manual
	Zoom	Manual
	Iris	Auto (DC Type)
















MEGAPIXEL VARIFOCAL AUTO IRIS LENS		
Technical Features		
Model	CLA529-022-06-M3	CLA529-028-06-M3
		
Focal-Length (mm)	2.2 ~ 6 mm	2.8 ~ 6 mm
Aperture (D/f')	1:1.3	1:1.6
Mount	CS	CS
Format (Inch)	1/3"	1/3"
Horizontal Field	120°00' ~ 46°26'	101°11' ~ 74°10'
Dimension (mm)	Ø37.5 x 54	Ø37.5 x 52.3
Weight (g)	55	55
M.O.D. (m)	0.2	0.2
Operation	Focus	Manual
	Zoom	Manual
	Iris	Auto (DC Type)

MEGAPIXEL DAY / NIGHT INFRARED VARIFOCAL AUTO IRIS LENS		
Technical Features		
Model	CLD529-05-50-M13	
		
Focal-Length (mm)	5 ~ 50 mm	
Aperture (D/f')	1:1.3	
Mount	CS	
Format (Inch)	1/3"	
Horizontal Field	51°17' ~ 5°30'	
Dimension (mm)	Ø40.5 x 58.6	
Weight (g)	85	
M.O.D. (m)	0.2	
Operation	Focus	Manual
	Zoom	Manual
	Iris	Auto (DC Type)

CAMERA ENCLOSURES

CAE260	CAE260-B	CAE260-H	CAE260-HB
			
<ul style="list-style-type: none"> Input Voltage: DC12V, AC24V, 110VAC, 220VAC Material: Aluminum Dimension: 410mm(D) x 113mm(G) x 106mm(Y) Weight: 1.4 Kgs Ingress Protection: IP66 	<ul style="list-style-type: none"> Blower Input Voltage: DC12V, AC24V, 110VAC, 220VAC Material: Aluminum Dimension: 410mm(D) x 113mm(G) x 106mm(Y) Weight: 1.4 Kgs Ingress Protection: IP66 	<ul style="list-style-type: none"> Heater Input Voltage: DC12V, AC24V, 110VAC, 220VAC Material: Aluminum Dimension: 410mm(D) x 113mm(G) x 106mm(Y) Weight: 1.4 Kgs Ingress Protection: IP66 	<ul style="list-style-type: none"> Heater & Blower Input Voltage: DC12V, AC24V, 110VAC, 220VAC Material: Aluminum Dimension: 410mm(D) x 113mm(G) x 106mm(Y) Weight: 1.4 Kgs Ingress Protection: IP66
CAE323	CAE323-B	CAE323-H	CAE323-HB
			
<ul style="list-style-type: none"> Input Voltage: DC12V, AC24V, 110VAC, 220VAC Material: Aluminum Dimension: 313mm(D) x 140mm(G) x 115mm(Y) Weight: 1.4Kgs Ingress Protection: IP66 	<ul style="list-style-type: none"> Blower Input Voltage: DC12V, AC24V, 110VAC, 220VAC Material: Aluminum Dimension: 313mm(D) x 140mm(G) x 115mm(Y) Weight: 1.4Kgs Ingress Protection: IP66 	<ul style="list-style-type: none"> Heater Input Voltage: DC12V, AC24V, 110VAC, 220VAC Material: Aluminum Dimension: 313mm(D) x 140mm(G) x 115mm(Y) Weight: 1.4Kgs Ingress Protection: IP66 	<ul style="list-style-type: none"> Heater & Blower Input Voltage: DC12V, AC24V, 110VAC, 220VAC Material: Aluminum Dimension: 313mm(D) x 140mm(G) x 115mm(Y) Weight: 1.4Kgs Ingress Protection: IP66
CAE360	CAE360-B	CAE360-H	CAE360-HB
			
<ul style="list-style-type: none"> Blower Input Voltage: DC12V, AC24V, 110VAC, 220VAC Material: Plastics, Fiber Dimension: 470mm(D) x 142mm(G) x 135mm(Y) Weight: 1.4Kgs Ingress Protection: IP66 	<ul style="list-style-type: none"> Blower Input Voltage: DC12V, AC24V, 110VAC, 220VAC Material: Plastics, Fiber Dimension: 470mm(D) x 142mm(G) x 135mm(Y) Weight: 1.4Kgs Ingress Protection: IP66 	<ul style="list-style-type: none"> Heater Input Voltage: DC12V, AC24V, 110VAC, 220VAC Material: Plastics, Fiber Dimension: 470mm(D) x 142mm(G) x 135mm(Y) Weight: 1.4Kgs Ingress Protection: IP66 	<ul style="list-style-type: none"> Heater & Blower Input Voltage: DC12V, AC24V, 110VAC, 220VAC Material: Plastics, Fiber Dimension: 470mm(D) x 142mm(G) x 135mm(Y) Weight: 1.4Kgs Ingress Protection: IP66
CAE223	CAE223-B	CAE223-H	CAE223-HB
			
<ul style="list-style-type: none"> Input Voltage: DC12V, AC24V, 110VAC, 220VAC Material: Aluminum Dimension: 470mm(D) x 142mm(G) x 135mm(Y) Weight: 2.7 Kgs, JUMBO Size Ingress Protection: IP66 	<ul style="list-style-type: none"> Blower Input Voltage: DC12V, AC24V, 110VAC, 220VAC Material: Aluminum Dimension: 470mm(D) x 142mm(G) x 135mm(Y) Weight: 2.7 Kgs, JUMBO Size Ingress Protection: IP66 	<ul style="list-style-type: none"> Heater Input Voltage: DC12V, AC24V, 110VAC, 220VAC Material: Aluminum Dimension: 470mm(D) x 142mm(G) x 135mm(Y) Weight: 2.7 Kgs, JUMBO Size Ingress Protection: IP66 	<ul style="list-style-type: none"> Heater & Blower Input Voltage: DC12V, AC24V, 110VAC, 220VAC Material: Aluminum Dimension: 470mm(D) x 142mm(G) x 135mm(Y) Weight: 2.7 Kgs, JUMBO Size Ingress Protection: IP66

CAMERA BRACKETS


<p>CAB223-S</p>  <ul style="list-style-type: none"> • Dimension: 285mm • Material: Aluminum • Capacity: 10 Kg 	<p>CAB123-P</p>  <ul style="list-style-type: none"> • Dimension: 120.5mm • Material: Plastics • Capacity: 4 Kg 	<p>CAB223-P</p>  <ul style="list-style-type: none"> • Dimension: 160mm • Material: Plastics • Capacity: 4 Kg 	<p>CAB323-P</p>  <ul style="list-style-type: none"> • Dimension: 180mm • Material: Plastics • Capacity: 4 Kg
<p>CAB423-P</p>  <ul style="list-style-type: none"> • Dimension: 170mm • Material: Plastics • Capacity: 4 Kg 	<p>CAB523-S</p>  <ul style="list-style-type: none"> • Dimension: 290mm • Material: Demir • Capacity: 10 Kg 	<p>CAB123-A</p>  <ul style="list-style-type: none"> • Dimension: 290mm • Material: Aluminum • Capacity: 3 Kg 	<p>CAB523-A</p>  <ul style="list-style-type: none"> • Dimension: • Material: Aluminum • Capacity: 3 Kg
<p>CAB223-A</p>  <ul style="list-style-type: none"> • Dimension: 226mm • Material: Aluminum • Capacity: 10 Kg 	<p>CAB323-A</p>  <ul style="list-style-type: none"> • Dimension: 279.4mm • Material: Aluminum • Capacity: 5 Kg 	<p>CAB423-A</p>  <ul style="list-style-type: none"> • Dimension: 214mm • Material: Aluminum • Capacity: 10 Kg 	<p>CAB623-A</p>  <ul style="list-style-type: none"> • Dimension: • Material: Aluminum • Capacity: 10 Kg
<p>CAB020-P</p>  <ul style="list-style-type: none"> • Material: Plastics • Capacity: 2 Kg 	<p>CAB020-S</p>  <ul style="list-style-type: none"> • Material: Aluminum • Capacity: 10 Kg 	<p>CAB123-S</p>  <ul style="list-style-type: none"> • Material: Aluminum • Capacity: 10 Kg 	

IR SPOT

<p>CAS161-30</p>  <p>>2W, DC 12V, 30-40 m Distance, Aluminum, Laser, IP66</p>	<p>CAB161-50</p>  <p>>3W, DC 12V, 40-70 m Distance, Aluminum, Laser, IP66</p>	<p>CAS161-100</p>  <p>>6W, DC 12V, 80-120 m Distance, Aluminum, Laser, IP66</p>	<p>CAS109-150</p>  <p>150 m Distance, -40/+40 Operating Temperature, IP68</p>
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MICROPHONE


CAN106



AGC
 • Operating Voltage: 5-12VDC
 • Dimension: 25.5mm(W), 28.5mm(D), 14mm(H),
 • Power Consumption: 0.02W

TEST MONITOR

CAM131-025



2.5" LCD CCTV Test Monitor, 960x240, 250:1, 200 cd/m2, Video RCA Type 2 Input/ 1 Output, Audio 1 Input/ 1 Output, Protection Case, Including Wrist Coupling Apparatus

POWER SUPPLY

CAP102-12D18W




18W
 • Input: 176-264V
 • Output: DC12V
 • Output Current: DC1.5A

CAP102-12D60W




60W
 • Input: 176-264V
 • Output: DC12V
 • Output Current: 5ADC

CAP202-12D100W



100W
 • Input: 88-264V
 • Output: DC12V
 • Output Current: DC8.5A

CAP202-12D200W



200W
 • Input: 88-264V
 • Output: DC12V
 • Output Current: DC16.7A

CAP202-12D350W



350W
 • Input: 88-264V
 • Output: DC12V
 • Output Current: DC30A

CAP202-12D500W



500W
 • Input: 88-264V
 • Output: DC12V
 • Output Current: DC41A

CAP302-12D60W



60W
 • Input: 88-264V
 • Output: DC12V
 • Output Current: DC5A
 • 5 Fuse Output Power Box

CAP302-12D150W



150W
 • Input: 88-264V
 • Output: DC12V
 • Output Current: DC10A
 • 10 Fuse Output Power Box

CAP402-24A250W








250W
 • Input: 88-264V
 • Output: AC24V
 • Output Current: AC10A
 • 10 Fuse Output Power Box



HIGH SPEED DOME CAMERA ACCESSORIES

CAA023-S-0  <ul style="list-style-type: none"> Material: Steel Method: Pole Mount Adapter 	CAA123-S-S  <ul style="list-style-type: none"> Material: Steel Method: Corner Mount Adapter 	CAA223-S-S  <ul style="list-style-type: none"> Material: Steel Method: Ceiling Mount Bracket 	CAA023-A-S  <ul style="list-style-type: none"> Material: Aluminium Method: Wall Mount Bracket
CAA123-A-S  <ul style="list-style-type: none"> Material: Aluminium Method: Wall Mount Bracket 	CAA223-A-S  <ul style="list-style-type: none"> Mount Adapter 	CAG123  <ul style="list-style-type: none"> BBC Modul PC Board 	CAG223  <ul style="list-style-type: none"> Pelco Coaxitron Protocol PC Board
CAG323  <ul style="list-style-type: none"> Pelco Coaxitron Protocol PC Board 	CAG423  <ul style="list-style-type: none"> Bi Phase Protocol PC Board 	CAX123-01  <ul style="list-style-type: none"> Single Channel Coaxitron Converter 	CAX123-16  <ul style="list-style-type: none"> 16 Channel Coaxitron Converter


SPEED DOME CAMERA ACCESSORIES

CAA323  <ul style="list-style-type: none"> Wall Mount Adapter 	CAA423  <ul style="list-style-type: none"> Ceiling Bracket 	CAZ123-2D  <ul style="list-style-type: none"> 2D Control Keyboard 	CAZ223-3D  <ul style="list-style-type: none"> 3D Control Keyboard 	CAZ323-3D  <ul style="list-style-type: none"> 3D Control Keyboard
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ACCESSORIES

CAV131-R16  Key Features <ul style="list-style-type: none"> Transfers HD-SDI video to Television Video Signal Input Video Outputs, HD-SDI / VGA / HDMI / AV Video OSD Menu Multiple Video Output 12V DC Power Input FND Screen 	CAV131-S16  Key Features <ul style="list-style-type: none"> HD-SDI Video Distributor HD-SDI Video Input Multiple Output 110-220V AC Single and Quad Screen Division Communication RS-232, RS485, TCP/IP Call For Repeater Solution Control Via TCP / IP Auto System Recovery Password Protection up to 7 Users
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SERVERS

CAI123-04 / CAI123-04W  Key Features <ul style="list-style-type: none"> H.264 Compression RS-485 Control (PTZ) RS-232 Interface SD Memory Support 2 Way Audio Wired / Wireless Option 4 Video Input 4 Alarm Input 4 Relay Output 36 Channel Free Software SDK for Software Integration 	CAD123-01 / CAD123-01W  Key Features <ul style="list-style-type: none"> H.264 Compression Video Server and Encoder SD Memory Support 2 Way Audio 2 Way Video Wired / Wireless Option
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INTRUSION DETECTION SYSTEMS

Intrusion or Burglar alarms are systems designed to detect unauthorized entry into a building or area. It consist of an array of sensors, a control panel, alerting system and interconnections. Sensors detect intruders by many methods such as monitoring door and window contacts, by passive infrared motion detectors, ultrasound, vibration, electric or magnetic fields, or microwaves. Sensors may be directly wired to a control panel that provides sensor power or may communicate wireless.

Intrusion alarm systems may also be combined with closed-circuit television surveillance systems to automatically record the activities of intruders, and may interface to access control systems for electrically locked doors. Systems range from small, self-contained noisemakers, to complicated, multi-zoned systems with color-coded computer monitor outputs.

Karel Intrusion system are robust and designed to inter operate or integrated with next generation products for different applications. Systems work without interruption for long periods and under extreme conditions. Our systems support multi- language and Fire, police, medical help dual button shortcuts and up to 32 custom hot keys are available. Karel Intrusion systems provide proximity reader option so only one panel can be used instead of 4 panels (partitions feature).



Highlights

- 6 to 32 hard wired programmable zones
- Auto Arm
- Built-in communicator for PSTN LINES for CMS and personal calling
- Full Contact ID communication protocol;
- Integrated USB interface for programming
- Telecom line cut supervision
- Keypad with temperature sensor
- Remote Control by using cell phone(Android)
- Programming system parameters with PC
- Remote Update and programming by GPRS,PSTN and LAN
- 1024 event log, including date, time, user name/zone
- 4 Partitions
- 3 PGM
- Hybrid Structure
- 1.0A switching-mode power supply with short-circuit protection, battery charge & discharged battery disconnection circuits
- Comes with Deluxe 32- character backlit, dual-line LCD display Keypad

Detectors & Sensors



PIR : measures infrared (IR) light radiating from objects in its field of view. Can be installed on indoor wall (opposite the door and above door) with its suggested installation height. Outdoor models can be installed at any places according to max range of detection.



Dual Technology PIR : Uses two technologies i.e. microwave and PIR can produce alarm only when both trigger simultaneously. It reduces false alarm. Pet type as well as out door type are available.



Beam Detectors : Two beams are applied and if somebody passes in front of the detectors, it triggers the alarm. It simulates outdoor solution like fence.



Smoke Detector : Detects the smoke and sends signal to the control panel for an alarm if it exceed the set limit. Can be installed in the kitchen and rooms.



Gas Detectors : Detects the level of gas and sends signal to the control panel for an alarm if it exceeds the set limit. Can be installed in the kitchen and rooms.



PET Detectors : It detects only human not pet, it Can be installed on indoor wall (opposite the door and above door) with its suggested installation height. Outdoor models can be installed at any places according to max range of detection.



Magnetic contacts : Gate and Windows can be protected against intruders by using magnetic contacts. When door and Windows are violated or opened, signal is sent to control which triggers the alarm.

Alarming Devices

- Bells (WD Warning Devices), Sirens
- Strobes, Lights
- Voice & Video Call



IP BASED INTEGRATED COMMUNICATION & SURVEILLANCE PRODUCTS

Intellicon offers the state of the art integrated communication & surveillance products on IP platform. Single LAN cable going to each residence takes care of their need of internet, communication and security aspects as against tens of cables required in traditional solution. Down time because of cable fault is almost nil and maintenance is very easy.

SIP based communication server is designed to co-work with IP Video Phone to create an integrated SIP based door entry system. This system can fully utilize the SIP protocol to link to SIP VoIP services which customer might be using and can also be integrated with existing telecom systems.

The system allows to view live video (Surveillance) up to 12 cameras, so you can see what's happening in different areas within the apartment or villa and even outside your house i.e. at the entrance, in the terrace or in the playground etc. Messages that include alarm record, visitor record (pictures of visitors),






call record, and community notice can be read through the indoor station. SIP-based Video Indoor Station supports several high quality audio and video codecs. It acts like a SIP video phone that allows residents to make video phone calls to the friends and neighbours. In fact, residents do not need to be in the house to monitor or communicate. The mobile phone application provided by us allows to communicate from anywhere free of charge (as far as Wi-Fi connection is available) using the smart phone as well as monitor children playing within residence or in play area.

The solution provides home security for daily life to customers on their community network. IT lets customer to set security areas in your house and it helps to guard the home safe by sensing abnormal situations (CO, Gas, and Emergency button). Once alarm is triggered, three calls will automatically be made to predefined destination with alarm speech announcement.

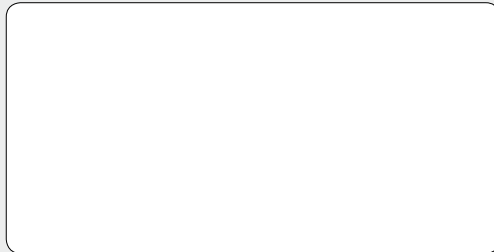


Highlights

- Very cost effective with investment protection
- Supports SOHO Surveillance & Home Automation
- Free calls to other House units
- Any IP phone anywhere in the world can call the house unit
- Integrated video and audio communication
- Easy IP Installation
- Supports all SIP videophone systems

Video Lobby / Security Gate Panel	Video Door Phone	Video Indoor Phone	Box Camera	Dome Camera
EDK150-PMR	EDS250-P	EHD150-PLKF	CKK141-PM1 CKK141-PM3	CKD141-P56 CKD141-PM2
				
<ul style="list-style-type: none"> • Keypad Input Unit • SIP 2.0 • Keypad Matrix • Built-in Camera, Microphone and Speaker • H.263 Video Codec Support • G.711 and G.729a / b Audio Codec Support • Silence Detection (VAD) 	<ul style="list-style-type: none"> • Single Button Input Unit • SIP 2.0 • H.263 Video Codec Support • G.711 and G.729a / b Audio Codec Support • Automatic Gain Control • Noise-Canceling (CNG) • Echo Canceling (AEC) • Silence Detection (VAD) 	<ul style="list-style-type: none"> • SIP 2.0 • 5 "TFT LCD Screen • Built-in Camera • Microphone and Speaker • Alarm Integration • Video Search • IP Camera to monitor • Community Messages Receivable • Guest Image Registration • H.263 Video Codec Support • G.711 and G.729a / b Audio Codec Support • Doorway Button Ring Support 	<ul style="list-style-type: none"> • 1 / 3 MP CMOS sensor • 720p / 1080p • Advanced streaming • Alarm input and output • Audio input and output • SIP / VOIP support for two way audio and as video streaming to mobile phones and video phones • Embedded video analytics • Built in performance streaming server 	<ul style="list-style-type: none"> • 560TVL / 2 MP CMOS sensor • Advanced streaming • Alarm input and output • Audio input and output • SIP / VOIP support for two way audio and as video streaming to mobile phones and video phones • Embedded video analytics • Built in performance streaming server • Integrated smoke detector

CHANNEL PARTNER



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Ahmedabad | Bangalore | Baroda | Bhopal | Chennai | Ernakulam | Gandhinagar
Hyderabad | Kolkata | Lucknow | Mumbai | New Delhi | Pune | Surat