

C-AllView Night Vision

High Speed Rugged Pan / Tilt Cameras



C-ALLVIEW NIGHT VISION

GANZ

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KEY FEATURES:

- Platinum surface mount LED technology
- 50meter range
- 30degree angle illuminator
- 850nm LED
- Automatic switch of Infra Red Illumination
- Low Power consumption
- Vandal resistant
- 3 mounting positions
- Flat toughened glass window
- Integral Wiper as standard
- 18x or 36x 530TVL Day/Night camera
- WDR
- Blacked out and Mosaic privacy zones
- 360 degree continuous rotation
- High-speed, pan-and-tilt system
- Protection class IP67
- Presets and tours
- Multi Protocols

The C-Allview Night Vision camera is the latest addition to the very popular C-AllView day/night high speed PTZ Family.

The C-Allview Night Vision camera has been specially designed to provide high quality images regardless of the ambient lighting levels. Integrating the illumination into the camera in this way results in targeting the light to exactly where it is required and the Infra Red illuminators are activated automatically only when the camera senses additional lighting is required.

The Infra Red illumination is supplied by using the very latest 'Platinum surface mount LED technology' that delivers superb and even illumination across a scene allowing for the capture of excellent quality night time images and gives outstanding reliability. The Infra Red illumination will deliver high quality images of objects up to a distance of 50 metres away.

Combining the benefits of Infra Red LED technology and the Optical performance of the C-Allview provides a camera that will perform in the darkest of environments from ZERO Lux upwards.

The optically flat glass for distortion free viewing, even at higher zoom ratios, gives you sharper images and resolution, thus allowing the C-AllView to see further and in more detail than ever before. This, in conjunction with the synchronisation of the IR Illuminators makes this the ideal choice for almost any security and surveillance application.

Not only does the C-Allview Night Vision have integrated Infra Red illumination but the unit supports a vast array of different manufacturer's protocols as standard to ensure compatibility with most of the commonly used control equipment. There are 3 possible ways to mount the camera; Upright, Pendant or Incline, for added flexibility and when the unit is in the incline position using the quick tilt facility this virtually eliminates any blind spot below the camera when it has been "top-of-pole" mounted.

All C-AllViews are supplied with a PSU, 10 metre cable and a 4" PCD Pendant mount as standard

Ordering Codes:

C-AIRDNX18YPT-B	Rugged Dome PTZ 18x IR LED 50 Metre Range, Black
C-AIRDNX36YPT-B	Rugged Dome PTZ 36x IR LED 50 Metre Range, Black

Accessories

C-AWN	4" PCD Screen washer nozzle, manifold & mounting assembly
C-AWA5L	Washer unit 24Vac 5 litre capacity
C-AWA25L	Washer unit 24Vac 25 litre capacity

Mounting brackets

C-WM-B	Wall mount bracket c/w lanyard clip (Black)
C-PM-B	Pole mount swan neck bracket c/w lanyard clip (Black)
C-CMA-B	Corner Adaptor to suit C-WM-B (Black)
C-PPM-B	Pendant Pole mount bracket (1 meter) (Black)
UPCA1	Universal pole clamp adaptor

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The advantages for the installer are: easy to install and simple to set up via a few dip-switches and a comprehensive OSD accessible via any keyboard.

More than 18 different protocols (including two up-the-coax) are loaded as standard giving high flexibility and the ability to fit into existing installations without having to order special variants.

The wiper (as standard) and optional wash facility make the C-AllView Night Vision ideal for use in all weather conditions. With the remote operation of the wipe and optional wash facility the operator can ensure clearer images in stark conditions, all from the comfort of the control room.



Pole, pendant or incline mounting positions are a standard feature of the C-AllView Night Vision

Wash/wipe facility enables cleaning of the front glass easily without the need to make a costly maintenance visit ensuring minimum disruption.

The washer assembly comprises of a nozzle and a manifold mounting assembly that is fixed to the base of the C-Allview Night Vision housing.



Both downward views and upward views are possible making the C-AllView Night Vision a highly versatile and adaptable solution.



Flat front glass is distortion free enabling crystal clear images even when using 530TVL resolution camera modules and 36x optical zoom ratios.



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Model	C-AIRDNX18YPT	C-AIRDNX36YPT
INFRARED ILLUMINATION		
Range	50 Meters	
Angle	30 Degree	
LED	High Performance Platinum SMT Technology	
IP Rating	IP67	
Video System	PAL / NTSC	
Video Output	1.0 V (p-p) / 75	
Image Sensor	1/4" IT CCD	
Horizontal Resolution	530 TVL	530 TVL
Minimum Illumination (50 IRE)	0.7 lux colour, 0.07 lux mono @ F1.4	1.4 lux colour, 0.01 lux mono @ F1.6
Horizontal Viewing Angle	2.8 - 48 degrees	1.7 - 57.8 degrees
Lens	4.1 - 73.8 mm	3.4 - 122.4 mm
Effective Elements	752 (H) x 582 (V)	
Zoom	18 x optical, 12 x digital	36 x optical, 12 x digital
S/N Ratio	>50 dB	
Sync System	INT. /L.L.	
Gamma Characteristic	0.45	
White Balance	ATW, AWB	
Backlight Compensation	Yes	
Pan Rotation	Continuous	
Tilt Rotation	290°	
Pan & Tilt speed	> 180° per second	
Pan Coverage	360 degrees (continuous rotation)	
IP Rating	IP 67	
Mount Type	Upright, Inclined and Inverted	
Preset Accuracy	14 bit resolution encodes (0.1 degrees)	
Preset Positions	32 (256)	
Preset Tours	16	
Mimic Tours	4 x 1minute mimic tours	
Video gain and lift	8 steps	
Preset Titling	Yes	
Privacy zones	24 opaque or mosaic, with separate algorithms to account for offset tilt of head unit or inverted operation (12 privacy zones if E-flip is enabled)	
Protocols	CBC, OCP, 360 Vision, DeView, Forward Vision, Ikegami, Kalatel, Pelco D, Pelco P, Philips, Samsung, Sensormatic, Ultrak/Honeywell, VCL, Baxall DC, BBV Coaxial, Pelco Coaxitron, Dennard, BBV 485	
Controller Interface	RS-485 half duplex data communication Coaxial Telemetry Optional	
Alarm	Supports 64 alarms on RS485 bus, external to PTZ unit	
Real Time Clock	Yes	
Mounting Options	4" (101.6mm) PCD, 60mm PCD	
Housing Colour	Matt Black (RAL 9011) or Matt White (RAL 9002)	
Power Supply	20-36 V DC / 14-26 V AC	
Vandal Resistant	Yes	
Operating Temperature	-20°C ~ +50°C, Relative humidity 90%	
Operating Voltage	20-36 VDC / 14-26 VAC	
Power Consumption Max	30W	
Dimensions	220(W) x 368.15(H) mm	
Weight	7 kg	

Features and specifications are subject to change for further improvement without any notice

Note:

Some of the supported devices listed above are not manufactured by CBC (Europe). It is therefore possible that the protocols have been changed from the original manufacturer or are in different configurations from the units previously tested by CBC (Europe).

CBC (Europe) recommends that a compatibility bench test prior to installation of the complete system is carried out to ensure complete functional requirement. CBC (Europe) will not be liable for any installation costs or lost revenues in the event of any compatibility problems where they occur.



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