

C-ALLVIEW IP WDR

H.264 High Speed Rugged Pan / Tilt Cameras

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GANZ

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KEY FEATURES:

- Vandal resistant
- H.264 Compression
- Flexible mounting options
- Flat toughened glass window
- Outstanding Low Light Performance
- High-speed, pan-and-tilt system
- 530TVL 18x or 36x optical zoom
- Protection class IP67
- Built-in wiper unit
- Presets and tours
- Nudge correction
- Quick Tilt
- Wide Dynamic Range
- Mosaic privacy zones
- Advanced VCA optional
- Bidirectional Audio Support
- Dual Encoding
- Outstanding Image Stabilisation

The IP C-Allview Camera is a continuous rotation "ruggedised" PTZ unit, sealed to IP67 and designed to be installed in harsh and challenging environments or areas where the camera unit may be liable to experience physical abuse.

The optically flat glass is distortion free giving brighter clearer images at higher zoom ranges and resolutions thus allowing the C-AllView to see further and in more detail than ever before.

The IP C-Allview camera has been cast from aluminium, hard anodised and powder coated to protect from scratching, oxidation or attack from solvents, making it vandal resistant and suitable for most applications.

The IP C-Allview can be mounted inverted, upright or inclined using the Quick Tilt facility, this virtually eliminates any blind spot when mounted in the upright position.

IP C-Allview makes use of the latest camera module technology coupled with class leading H.264 compression with the option to use Wide Dynamic Range (WDR) and mosaic privacy masks.

Ordering Codes:

CN-ADN3X18YPT-W	1/4" Day/Night WDR PTZ Camera, 18:1, White
CN-ADN3X18YPT-B	1/4" Day/Night WDR PTZ Camera, 18:1, Black
CN-ADN3X36YPT-W	1/4" Day/Night WDR PTZ Camera, 36:1, White
CN-ADN3X36YPT-B	1/4" Day/Night WDR PTZ Camera, 36:1, Black

Accessories

C-AWN	60mm PCD Screen washer nozzle, manifold & mounting assembly
C-AWA5L	Washer unit 24Vac 5 litre capacity
C-AWA25L	Washer unit 24Vac 25 litre capacity
PB180	2 x IR Lamp Bracket
PB360	4 x IR Lamp Bracket
C-A20P	20 meter extension cable (pre-plugged)

Mounting brackets

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

*Camera, bracket, PSU and 10 meter cable supplied

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The advantages for the installer are obvious: easy to install and simple to set up via the network through VSoIP Software Suite or a simple web browser.

The nudge correction feature is there to protect the camera against knock and bumps in incredibly difficult environments. If the camera is forced from its current position or tour it will wait one second then immediately return to the exact position before it was knocked out of alignment without any chance of damage to gears or to the industrial quality stepper motors.

The wiper and optional wash facility on the IP C-AllView is ideal for all weather conditions. With the remote operation of the wash and optional wipe facility the operator can have clearer images from the comfort of the control room.



Pole or pendant mounting positions are a standard feature of the IP C-AllView and finish can be in matt black or matt white.

The Quick Tilt facility allows the mounting arms to be tilted forward to give a complete 360 degree coverage with minimum blind spots.



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



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



Flat front glass is distortion free enabling crystal clear images at 4CIF/D1 resolution coupled with a long range 36x optical zoom ratio.



A PB180 or PB360 bracket can be fitted between the pole or pendant mounting points on the C-Allview to accept the range of CBC vari focal IR illuminators.



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Model	CN-ADN3X18YPT	CN-ADN3X36YPT
Video System / Output	PAL / 1.0 V (p-p) / 75	
Image Sensor	1/4" IT CCD	
Horizontal Resolution	530 TVL	
Minimum Illumination	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
Effective Elements	752 (H) x 582 (V)	
Zoom	18 x optical, 12 x digital	36 x optical, 12 x digital
Lens	4.1 - 73.8 mm	3.4 - 122.4 mm
S/N Ratio	>50 dB / INT./L.L.	
Sync System	INT. /L.L.	
Gamma Characteristic	0.45	
White Balance	AWB, indoor, Outdoor, Manual	
Backlight Compensation	ON / OFF	
Pan Rotation	Continuous	
Tilt Rotation	180°	
Pan & Tilt speed	Tilt: 0.01° - 200° per second	Pan: 0.01° - 360° per second
Pan Coverage	360 degrees (continuous rotation)	
IP Rating	IP 67	
Video Input /Output	Input: 1 Channel	Output: 1 Loop out
Compression Format	H.264, MPEG-4, MJPEG	
Number of Streams	Dual Stream, Configurable up to 6 mbps	
Resolution	D1, 4CIF, CIF, QCIF, VGA, QVGA	
Compression FPS	25/30 FPS@D1	
Motion Detection	Yes	
Audio Input / Output	G.711	
RS-485/422	Yes	
Network	10 / 100 Base-T	
Network Protocols	TCP/IP, UDP/IP, HTTP, RTSP, RTCP, RTP/UDP, RTP/TCP, SNTP,mDNS, UPnP, SMTP, SOCK, IGMP, DHCP, FTP, DDNS, PPPoE, SSL v2/v3, IEEE 802.1X, SNMP, SSH, and IPv6	
Network Security	Password Protection and IP Filtering	
Lightening and Surge Protection	Required	
USB 2.0	Yes	
Video Content Analysis (Included as Standard)	Advanced Tracking Algorithm, Low False Alarm Rate	
High Performance	Intuitive Web Browser Interface	
Easy to use	Multi-segment Polygons and Lines	
Detection Zones	Real-Time Display of Tracking Data and Events	
On-Screen Display		
Advanced Video Content Analysis (Upgrade)	Direction, Stopping, Loitering, Entering, Exiting, Appear, and Dissapear Filters	
Detection Behaviour	Perspective Corrected Size and Speed Filters	
3D Behaviour	Counting Functions and Other Statistics	
Statistics	Binary XML Format	
Meta Data		
Image Stabilisation (Upgrade)	Removes Camera Sway through Electronic Stabilisation	
Mount Type	Wall mount and ceiling mount	
Preset Accuracy	14 bit resolution encodes (0.1 degrees)	
Preset Positions/Preset Tours/Preset Speed	Positions: 64	Tours: 16 Speed: 360°/per sec
Mimic Tours	4 x 1 mimic tours	
Video gain and lift	16 steps	
Preset Titling	Yes	
Privacy zones	24 positions, with separate algorithms to account for offset tilt of head unit or inverted operation (12 privacy zones if E-flip is enabled)	
Configuration Download/Upload	Yes	
Controller Interface	RS-485 half duplex data communication Coaxial Telemetry Optional, UTP	
Alarm	Comprehensive alarm options with timed masking	
Real Time Clock	Yes	
IR Mode	Via External input IR Lamp Power Optional	
Mounting Options	Diagonal mount, (60 mm)	
Vandal Resistant	Yes	
Outer Enclosure Material & Construction	Die cast, extruded and sheet aluminium or Stainless Steel hardware. Corrosion resistant, suitable for outdoor installation	
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	
Operating Temperature	-20°C ~ +50°C, Relative humidity 90%	
Operating Voltage	20-36 VDC / 14-26 VAC	
Power Consumption Max	30W	
Weight & Dimensions	Weight: 5.8kg, Dimensions:207 (D) x 250 (H) mm	

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

All powered sources will be UL Listed

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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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