



C-View - IP 30x

DATA SHEET

Fully functional IP PTZ Domes



The new C-View IP range of Vandal resistant Day/Night PTZ domes are sealed to IP67 and designed to be installed in harsh and challenging environments. The domes are designed to be operated and installed easily and quickly. The PTZ domes can be used either externally or internally.

The C-View IP range is based on GANZ's class leading H.264 and MPEG-4 Compression engines.

The fully functional PTZ domes have been constructed from vandal resistant die-cast aluminium and are powder coated to protect from scratching, oxidation, or attacks from solvents.

Various brackets allow the domes to be either pendant, wall or swan mounted for indoor and outdoor use.

The C-View IP range is fully compatible with GANZ's VSoIP Management Software and NVRs.

Key Features

- High Resolution
- Outstanding Low Light Performance
- H.264 Compression
- Vandal resistant IK10
- Optically distortion free polycarbonate bubble
- 30x optical zoom
- Presets & Tours
- User definable privacy zones
- Electronic flip
- Upload / Download of camera settings
- 360 degree continuous rotation
- Remote reset and configuration
- Variable pan speed of 0.01° - 360 ° / sec
- Variable tilt speed of 0.01° - 200 ° / sec
- Flexible mounting options

Ordering Information

CN-DN2FC30P	1/4" Internal PTZ camera, 30:1, White, H.264
CN-DN2X30P (W)	1/4" Int/Ext D/N PTZ camera, 30:1, White, H.264
CN-DN2X30P (B)	1/4" Int/Ext D/N PTZ camera, 30:1, Black, H.264
C-APM-W	Pole mount swan neck dome adaptor, c/w lanyard clip (swan neck). White
C-APM-B	Pole mount swan neck dome adaptor, c/w lanyard clip (swan neck), Black
C-AWM-W	Wall mount brackets, c/w lanyard clip, White
C-AWM-B	Wall mount brackets, c/w lanyard clip, Black
C-APPM-W	Pendant Pole mount bracket, White
C-APPM-B	Pendant Pole mount bracket, Black
C-ACMA-W	Corner Adaptor, White to suit C-AWM-W
C-ACMA-B	Corner Adaptor, Black to suit C-AWM-B





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Technical Specification

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MODEL	CN-DN2X30P
Video System / Output	PAL / 1.0 V (p-p) / 75ohm
Image Sensor	1/4" IT CCD
Horizontal Resolution	520 TVL
Minimum Illumination	0.8 lux colour, 0.04 lux mono
Horizontal Viewing Angle	1.9 degrees to 55 degrees
Effective Elements	752 (H) x 582 (V)
Scanning System	Interlace Scan
Day/Night	Yes, Automatic
Zoom	30 x optical, 12 x digital
Lens	3.5 - 105 mm, Auto Iris & Auto Focus. Motorized Zoom Lens
S/N Ratio / Sync System	>50 dB / INT. /L.L.
Gamma Characteristic	0.45
White Balance	AWB, indoor, outdoor, manual
Backlight Compensation	ON / OFF
Pan Rotation	Continuous
Tilt Rotation	290°
Shutter Speed	1/10000s
Tilt / Pan Speed	Tilt: 0.01° - 200° / sec Pan: 0.01° - 360° / sec
Pan Coverage	360 degrees (continuous rotation)
IP Rating	IP67
Iris Control	Automatic with manual override, F1.0 - 360°
Data Rate	32 Kbps tp 6 Mbps
Gain Control	Automatic ON/OFF
Image Setting	Electronic Image Stabiliser
IP Rating	IP 67 / NEMA 4 (Equivalent)
Video Input / Output	Input: 1 Channel Output: 1 Loop out
Compression Format	H.264, MPEG-4, MJPEG
Number of Streams	Dual Stream, Configurable
Resolution	D1, 4CIF, CIF, QCIF, VGA, QVGA
Compression FPS	25/30 fps@D1
Motion Detection	Yes
Audio Input / Output	Input: 1 Channel Output: 1 Channel
Compression Format	G.711
Function Digital Input / Output	Input: 2 Channel Output: 2 Channel
RS-485/422	Yes
Network Protocol	10 / 100 Base-T
Network Security	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
Lightening and Surge Protection	Password Protection and IP Filtering
USB 2.0 / SD Memory	Required
Video Content Analysis (Included as Standard)	Yes
High Performance	Advanced Tracking Algorithm, Low False Alarm Rate
Easy to use	Intuitive Web Browser Interface
Detection Zones	Multi-segment Polygons and Lines
On-Screen Display	Real-Time Display of Tracking Data and Events
Video Content Analysis (Upgrade)	
Detection Behaviour	Direction, Stopping, Loitering, Entering, Exiting, Appear, and Dissapear Filters
3D Behaviour	Perspective Corrected Size and Speed Filters
Statistics	Counting Functions and Other Statistics
Meta Data	Binary XML Format
Image Stabilisation (Upgrade)	
Electronic Stabilisation	Removes Camera Sway
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°/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
Protocols	Pelco P, Pelco D, BBV coaxial, VTC, Sensormatic, Samsung SCC300, Kalatel, C-Dome, C-AllView, Overview RS485
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)
Housing Colour	Black (RAL9011) or White (RAL9002)
Power Supply	18-28 V AC / DC (PSU included)
Vandal Resistant	Yes
Operating Temperature	-20°C ~ +50°C, Relative humidity 90%
Operating Voltage	24 V AC / DC
Power Consumption Max	10W
Weight & Dimensions	Weight: 5.8kg Dimensions: 207 (D) x 250 (H) mm
Outer Enclosure Material & Construction	Die cast, extruded and sheet aluminium or Stainless Steel hardware. Corrosion resistant, suitable for outdoor installation
Certifications	All power sources will be UL Listed. CE/EN/FCC/NEMA 4 EN approval

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.

