

C-AllView Night Vision

High Speed Rugged Pan / Tilt Cameras

C-ALLVIEW NIGHT VISION



GANZ

GANZ IS PART OF THE CBC FAMILY

C-ALLVIEW NIGHT VISION

High Speed Rugged Pan / Tilt Cameras



KEY FEATURES:

- Platinum surface mount LED technology
- Up to 40meter range**
- Multi angle IR 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 530TVL Day/Night camera
- WDR
- Opaque 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 in different light conditions. 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 night time images and gives outstanding reliability. The Infra Red illumination will deliver high quality images for both Day & Night surveillance.

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 your security and surveillance applications.

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 Zoom c/w integral
Infra Red Illumination, Black

* Please note that the washer assembly unit is not compatible with the C-Allview Night Vision Range.

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 |

C-ALLVIEW NIGHT VISION

High Speed Rugged Pan / Tilt Cameras

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 makes the C-AllView Night Vision ideal for use in all weather conditions. With remote operation of the wiper the operator can ensure the optical view to not be affected by standing water on the front glass.



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

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.



C-ALLVIEW NIGHT VISION

High Speed Rugged Pan / Tilt Cameras

| Model | C-AIRDNX18YPT |
|-------------------------------|---|
| INFRARED ILLUMINATION | |
| Range | 40 Meters |
| Angle | Multiple Angle IR Illuminators |
| 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 |
| Minimum Illumination (50 IRE) | 0.7 lux colour, 0.07 lux mono @ F1.4 |
| Horizontal Viewing Angle | 2.8 - 48 degrees |
| Lens | 4.1 - 73.8 mm |
| Effective Elements | 752 (H) x 582 (V) |
| Zoom | 18 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.

** The quoted distance on the IR illumination has been achieved under controlled environments. Distances may vary in external applications and will be dependent on the overall scene reflectance. Light Pollution and ambient light may also affect the overall performance. For optimum performance under IR illumination we recommend the zoom ratio is not operated to full tele-photo, doing so will considerably affect your overall image. We suggest a maximum zoom ratio of half of your available zoom range.



CBC (EUROPE) Ltd.

7/8 Garrick Industrial Centre, Irving Way, London NW9 6AQ, England
tel: technical support +44 (0)20 8732 3350 +44 (0)20 8732 3353 www.cbceurope.com