

Commander COM-DN36-B/W High Speed Rugged Pan/Tilt Cameras



- Vandal resistant.
- Flat toughened-glass window.
- High-speed, pan-and-tilt system.
- 530 TVL.
- Presets and tours.
- Quick tilt.
- Mosaic privacy zones.
- Day/Night camera.
- Protection class IP67.
- Built-in wiper unit.
- 18 protocols.
- Nudge correction.
- Wide dynamic range.

Description

Vicon's Commander series day/night high speed PTZ Cameras are continuous rotation "ruggedized" PTZ cameras, sealed to IP67 and designed to be installed in harsh and challenging environments or areas where the units 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 Commander to see further and in more detail than ever before.

The COM-DN36 PTZ 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 COM-DN36 can be mounted inverted, upright or inclined using the Quick Tilt facility, this virtually eliminates any blind spot when mounted in the upright position.

Vicon's COM-DN36 makes use of the latest camera module technology and included as standard is a 530TVL high resolution camera with the option to use Wide Dynamic Range (WDR) and mosaic privacy masks.

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

Eighteen different protocols (including two up-the-coax) are loaded as standard giving even more flexibility to existing installations without having to order special variants.

The nudge correction feature is there to protect the camera against knock and bumps in incredibly difficult environments. If the camera is forced from it's 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 COM-DN36 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.

Ordering codes:

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|-------------------|--------------|---|
| COM-DN36-W | 10088 | Pan & Tilt. 36:1 Optical Zoom WDR, 530TVL colour/mono camera, with wiper. Vandal resistant IP67. White. |
| COM-DN36-B | 10089 | Pan & Tilt. 36:1 Optical Zoom WDR, 530TVL colour/mono camera, with wiper. Vandal resistant IP67. Black. |

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)	1.4 lux colour, 0.01 lux mono @ F1.6
Horizontal Viewing Angle	1.7 - 57.8 degrees
Effective Elements	752 (H) x 582 (V)
Zoom	36 x optical, 12 x digital
Lens	3.4 - 122.4 mm
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	IP67
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 1 mimic tours
Video gain and lift	16 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	Vicon, OCP, 360 Vision, DeView, Forward Vision, Ikegami, Kalatel, Pelco D, Pelco P, Philips, Samsung, Sensomatic, CBC, Ultrak/Honeywell, VCL, Baxall DC, BBV Coax, 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

Some of the supported devices listed above are not manufactured by Vicon. 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 Vicon.

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

Vicon Industries Ltd, Brunel Way, Fareham, Hampshire, PO15 5TX, United Kingdom
Tel: +44 (0)1489 566300 Fax: +44 (0)1489 566322

www.vicon-security.com