



Overview

The CMOR D5 IR Dome features super-reliable stepper motor drive, new high resolution camera and high-power infra-red (IR) lamps that focus IR light wherever the camera is directed. The CMOR design provides reliability together with smooth, fast movement and clear images, day and night. A wiper is fitted as standard. Auto tracking is also included as a standard feature.

The innovative CMOR® design provides up to 300m diameter viewing in complete darkness. The highly efficient and focussed IR lamps track the dome movement ensuring full 360° pan and 100° tilt coverage.

The amount of light directed to the scene being viewed would require a large amount of lighting using the old 'flood' approach. This means that not only is the picture and range much improved, but the CMOR® IR Dome is greener too, using up to fifty times less energy.

Order Codes

Vi-D5030A	CMOR IR 700TVL Dome,x30, wiper, wall brk&box, PSU
Vi-D5030A/AL7	CMOR IR 700TVL Dome,x30, wiper, wall brk&box, PSU, 7alarms

Options

Vi-B12D	Swan-neck bracket
Vi-B13D	Corner adaptor bracket
Vi-B14D	Pole adaptor bracket
Vi-B15D	Pendant bracket
Vi-PSU1F/12V	IP66 power supply (option)
Vi-E13	BBV up-the-coax (requires Vi-PSU1D)

Specifications

Features

IR range	150m
Wiper	Yes
Resolution	700TVL
Auto tracking	Yes

Camera

Image sensor	1/3" CMOS
Image resolution	700 TVL
Minimum illumination	0.2 Lux (Colour), 0.01 Lux (B/W), 0 Lux with IR switched on.
Optical zoom	30x
Digital zoom	12x
Electronic shutter	1/50~1/10,000s
Day/night	ICR (Auto/Day/Night)
Focusing mode	Auto/manual
BLC	On/off
White balance	Auto/manual/indoor/outdoor/auto-tracking
SNR	>52dB
WDR	Yes

Functions

IR modes	Automatic/camera/timing
Tilt range	-10°~90°
Pan range	360° continuous rotation
Manual speed	Pan: 0.01°/s - 360°/s, Tilt: 0.01°/s - 120°/s
Preset speed	Pan: 360°/s, Tilt: 120°/s
Presets	256
Tours	8 groups, 32 presets per group
Auto scan	8 groups (setup left and right boundary)
Auto tracking	User defined tracking feature
Analogue video output	Yes
Timers	Yes
Alarm interface	(7 alarm input option available)

Interface

Interface	RS485
Protocols	Pelco-D, Pelco-P, BBV up-the-coax (option)
Baud rate	1200, 2400, 4800, 9600

Power

Voltage	12V±10%DC
Power consumption	≤50W
Power adaptor	240Vac in, 12V DC out (Included) Outdoor IP66 power supply optional

Physical & Environmental

Environmental	IP66, -35°C ~ 55°C
Lightning protection	3000V anti-surge design
Weight	5.8kg
Standard bracket	Wall-mount with junction box (Included)
Optional brackets	Pendant, Corner, Pole-mount, Swan-neck
Safety cable	Yes (Included)