

### Specifications



### Overview

The Videoswitch CMOR Vi-D5220 is a full HD resolution IP dome that features super-reliable stepper motor drive, high resolution HD camera and high-power infra-red (IR) lamps that focus IR light wherever the camera is directed. A wiper is fitted as standard. Auto tracking is also included as a standard feature.

Video is compressed to H.264 standard and is transmitted over an Ethernet network via twisted pair, fibre, wireless, powerline etc for remote PTZ control, viewing and recording on a Videoswitch NVR or Hybrid recorder, video management software, web browser or 3rd party NVR.

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

### Order Codes

<b>Vi-D5220</b>	IP IR Dome, 2.1Mpixel, wiper, wall brk&box, indoor PSU,
<b>Vi-D5220/AL7</b>	IP IR Dome, 2.1Mpixel, wiper, wall brk&box, indoor PSU, 7 alarm inputs
<b>Options</b>	
<b>Vi-B12D</b>	Swan-neck bracket
<b>Vi-B13D</b>	Corner adaptor bracket
<b>Vi-B14D</b>	Pole adaptor bracket
<b>Vi-B15D</b>	Pendant bracket
<b>Vi-PSU1F/12V</b>	IP66 power supply
<b>Vi-K1080HD</b>	Remote viewer/controller with HDMI output

### Features

IR range	150m
Wiper	Yes
Resolution	1920 x 1080
Auto tracking	Yes
Alarms	Relay, NVR, Email and monitoring station

### Camera

Image sensor	1/2.8" Progressive Scan CMOS
Minimum illumination	0.2 Lux (Colour), 0.01 Lux (B/W), 0 Lux with IR switched on.
Optical zoom	20x
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
IP stream	Main: 1920 x 1080, sub: 704 x 576
Image compression	H.264 Main Profile, MJPEG/JPEG Baseline
Analogue video output	Yes
Timers	Yes
Audio	Input: Mic in, Line in, G.711ulaw, G.726
Alarm interface	1 in, 1 out (7 input option available)

### Interface/Network

ONVIF protocol	Yes
Network protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, FTP, 802.1x, QoS, HTTPS, IPv6

### 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° ~ 55°
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)