

SN663V-B-EX EXTREME WEATHER VANDAL DOME



Vicon's Cruiser™ high definition (HD) vandal PTZ dome camera is available in an extreme weather version. This version includes a sunshield and heater/fan electrical components to extend the operating temperature range to -50° to 65° C.

The SN663V-B-EX is designed for outdoor installations. The lower dome is constructed of impact-resistant polycarbonate and is secured by tamper-proof screws, providing anti-vandal security. The IK10 vandal resistance and IP66 waterproof ratings make this camera ready for almost all conditions.

The SN663V-B-EX includes an integral true day/night camera and lens. A 4.7-94 mm varifocal lens with an optical 20X zoom provides superb sharpness and excellent sensitivity. The day/night camera utilizes a 1/2.8" Sony Exmor CMOS sensor, which can provide quality imaging down to 0.35 lux. 120 dB Wide Dynamic Range (WDR) improves detail in bright or low light areas of the image and DNR corrects imperfections in the image to provide a clearer image.

Product at a Glance

- ▶ 1080p resolution (1920 x 1080)
- ▶ Min illumination: Color 0.35 lux, B/W: 0.013 lux
- ▶ 20X optical zoom and 16X digital zoom
- ▶ 120 db WDR
- ▶ Power-over-Ethernet (IEEE 802.3af), 12VDC/24VAC
- ▶ Outdoor; IK10, IP66 rated, -50° to 65° C
- ▶ Privacy Masking
- ▶ Audio In/Out
- ▶ DIS (Digital Image Stabilization), tampering, defog, and object detection function



V660-HDB242



V660-HCM150



V660-HCM151

Ordering Information

Description

1080P Extreme weather Cruiser™ PTZ camera. 120 dB WDR, IK10, IP66, -50° to 65°C, requires mounting accessory

Model Number

SN663V-B-EX

Wall Mount

V660-HDB242

Corner Mount

V660-HCM150

Pole Mount

V660-HCM151

Model	SN663V-B-EX
Image Sensor:	1/2.8-inch SONY STARVIS CMOS Sensor
Max Resolution:	1920 x 1080
Image Settings:	Adjustable bit rate. Flip and mirror. Configurable brightness, contrast, color, hue, sharpness. White balance. AGC. AES. Automatic or manual day/night mode. 2DNR, 3DNR, BLC (Backlight Compensation). Digital zoom. Motion detection. Slow Shutter. Privacy Masking (8 zones)
Video Analytics	Digital Image Stabilization, Defog, Face Detection, Tampering, Line detector, Field detector
Shutter Speed:	Auto(1/30,000~1/3 sec), Manual
Scanning Mode:	Progressive scan
Electronic Zoom:	2 ~ 16X (client software)
Day/Night Performance:	IR cut filter, True Day/Night
Wide Dynamic Range:	120 dB WDR
Presets:	256 Presets, 8 Tours, 8 Patterns
Pan and Tilt:	Pan: 180° continuous; Tilt: 0 - 180°; digital flip
Minimum Illumination:	Colour: 0.35 lux, B/W: 0.013 lux @f/1.2, 50 IRE
Lens	
Focal Length:	4.7~94mm, F1.6-F3.0
Iris:	DC auto-iris
Horizontal Field of View:	3.0° - 55.5°
Network Video Transmission	
Network:	10Base-T, 100Base-TX, RJ-45
Image Compression:	H.264 (High Profile); M-JPEG (Quad Stream(H.264x3, MJPEGx1); CBR, VBR
Resolution:	1920x1080(Full HD), 1280x1024(SXGA), 1280x720/960(HD), 704x480/576(D1), 640x480(VGA), 320x240(QVGA)
Protocol:	IPv4, IPv6, TCP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, DHCP, NTP, DNS, DDNS, UDP, ARP
Frame Rate:	Maximum 60fps
Streaming:	Triple Stream (H.264x2, MJPEGx1)
Users:	Live viewing for up to 10 Users, Playback : 3 Users (unicast)
Web Browser:	Internet Explorer® 7.0 and above, Chrome®, Firefox®
Security:	IP address filtering, HTTPS encrypted data transmission, password protection
Mechanical and Electrical	
Dimensions:	186 (Φ) x 239mm (H)
Weight:	1.6 Kg
Input Power:	PoE (IEEE 802.3af Class 0), 12VDC, 24VAC (Heater and fan require 12VDC/24VAC)
Power Consumption:	Max 22W (1,500mA) @24VAC
Alarm Relay	4 Sensor Input, 1 Open Collector Output (Terminal Block)
Audio	3.5mm stereo jack Line in and Line out (Terminal Block) (Audio Alert: 3 Pre-Recorder Voice File Selectable)
Audio Out	G.711 codec, 64kbps bit rate
u-SD Card	SDHC (Max. 32GB)
Environmental	
Operating Conditions:	Temp: -50 to 65° C; Humidity: less than 90%, non-condensing with sunshield
Approvals:	FCC Class A, CE, UL, IP66, IK10
Warranty:	3 years

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