





4MP IR Vandal Dome Camera









### **Key Features**

- Maximum 4MP resolution
- Color: 0.15Lux (F1.6, 1/30sec) B/W: OLux (IR LED On)
- 4mm fixed focal
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Motion detection, Tampering, Defocus detection
- Hallway view (90°/270°), LDC support
- Micro SD/SDHC/SDXC memory slot (128GB)
- IR viewable length 25m (82.02ft)
- IP66, IK10, PoE, 12VDC



### 4MP IR Vandal Dome Camera



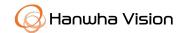




### **Specifications**

Video	
Imaging Device	1/3" CMOS
Resolution	2560x1440, 1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 15fps (@4MP Max. 2fps)
Min. Illumination	Color: 0.15Lux (F1.6, 1/30sec) B/W: OLux (IR LED On)
Video Out	CVBS: 1.0 Vp-p / $75\Omega$ composite, $720x480(N)$ , $720x576(P)$ for installation
Lens	
Focal Length (Zoom Ratio)	4.0mm fixed focal
Max. Aperture Ratio	F1.6
Angular Field of View	H: 79°, V: 42°, D: 92°
Focus Control	Fixed
Pan / Tilt / Rotate	
Pan / Tilt / Rotate Range	0°~350° / 0°~67° / 0°~355°
Operational	
Camera Title	Displayed up to 85 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, WDR, SSDR
Wide Dynamic Range	120dB
Digital Noise Reduction	SSNR
Motion Detection	4ea, polygonal zones
Privacy Masking	6ea, rectangular zones
Gain Control	Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
LDC	Support
Electronic Shutter Speed	Minimum/Maximum/Anti flicker (1/5~1/12,000sec)
Video Rotation	Flip, Mirror, Hallway view(90°/270°)
Analytics	Motion detection, Tampering, Defocus detection , Virtual area(Intrusion/Enter/Exit), Virtual line(Crossing/Direction)
Alarm I/O	Input 1ea / Output 1ea
Alarm Triggers	Analytics, Network disconnect, Alarm input
Alarm Events	File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers Alarm output Handover(PTZ preset)

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com. Hanwha Vision is formerly known as Hanwha Techwin.



Selectable(mic in/line in)
IR LED (850nm)
25m (82.02ft)
RJ-45 (10/100BASE-T)
H.265/H.264: Main/High, MJPEG
G.711 u-law /G.726 Selectable G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps
Manual (5ea area), WiseStream II
H.264/H.265: CBR or VBR MJPEG: VBR
Unicast(6 users) / Multicast Multiple streaming(Up to 3 profiles)
IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, LLDP
ONVIF Profile S/G/T, SUNAPI (HTTP API)
Firmware encryption
Digest Authentication, Prevent brute-force attack
802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2)
HTTPS, SRTP, WSS(Websocket secure)
Access control based on IP address
Authentication information encryption, ZIP compression encryption
User Access/System/Event log management
Device Certificate(Hanwha Private Root CA)
SDcard partition encrypt
English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
Micro SD/SDHC/SDXC 1slot 128GB
512MB RAM, 256MB Flash
-40°C~+55°C (-40°F ~ +131°F) / 0~95% RH  ★ Start up should be done at -30°C or above
-40°C~+60°C (-40°F~+140°F) / 0~95% RH
IP66, IK10
PoE(IEEE802.3af, Class3), 12VDC
PoE: Max 10.7W, typical 8.1W 12VDC: Max 9.1W, typical 6.5W
White / Aluminum
RAL9003
ø120.3x91.7mm(ø4.74x3.61"), 510g(1.12 lb)

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Backbox	SBV-120GW
DORI (EN62676-4 standard)	
Detect (25PPM/ 8PPF)	63.0m(206.70ft)
Observe (63PPM/ 19PPF)	25.2m(82.68ft)
Recognize (125PPM/ 38PPF)	12.6m(41.34ft)
Identify (250PPM/ 76PPF)	6.3m(20.67ft)



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CAD Unit:mm [inch]

