



Network

BOX

XNB-6000

2M H.265 Box Camera



Key Features

- 0.01Lux@F1.2 (Color), 0.001Lux@F1.2 (B/W)
- Max. 60fps@all resolutions (H.265/H.264)
- DIS with built-in Gyro sensor
- Day & Night (ICR), WDR(150dB)
- Loitering, Directional detection, Fog detection
- Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- Dual SD slots (Max. 512GB)
- Hallway view, WiseStream II support

Compatible Accessories (Optional)



SHB-4200H



SHB-4200



SHB-4301HP



STB-4150V



SHB-4300H1

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Specifications

Video	
Imaging Device	1/2.8" CMOS
Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264: Max. 60fps/50fps(60Hz/50Hz) MJPEG: Max. 30fps
Min. Illumination	Color: 0.01Lux(F1.2, 1/30sec, 30IRE) BW: 0.001Lux(F1.2, 1/30sec, 30IRE)
Video Out	CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation USB: Micro USB Type B, 1280x720 for installation
Lens	
Focus Control	Simple focus
Lens Type	DC auto iris, P iris, Manual, I-CS
Mount Type	C mount, CS mount
Optional Lens	SLA-M2890DN(2MP 2.8~9mm), SLA-M2890PN(2MP 2.8~9mm P iris)
Operational	
Camera Title	Displayed up to 85 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, HLC, WDR, SSDR
Wide Dynamic Range	150dB
Digital Noise Reduction	SSNR V
Digital Image Stabilization	Support(built-in gyro sensor)
Defog	Support
Motion Detection	8ea, 8point Polygonal zones
Privacy Masking	32ea, 4point Quadrangle zones - Color: Gray/Green/Red/Blue/Black/White - Mosaic
Gain Control	Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
LDC	Support
Electronic Shutter Speed	Minimum / Maximum / Anti flicker(2~1/12,000sec)
Video Rotation	Flip, Mirror, Hallway view(90-/270-)
Analytics	Analytics events - Defocus detection, Directional detection, Fog detection, Face detection, Motion detection, Digital auto tracking, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection, Sound classification
Serial Interface	RS-485/422(Samsung-T, Pelco-D/P, Panasonic, Bosch, AD, GE, Vicon, Honeywell)
Alarm I/O	Input 1ea / Output 1ea
Alarm Triggers	Analytics, Network disconnect, Alarm input, App event, Time schedule

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.

Alarm Events	When alarm trigger occurred - File upload(image): e-mail/FTP - Notification: e-mail - Recording: SD/SDHC/SDXC or NAS recording at event triggers - Alarm output - Handover: PTZ preset, send message by HTTP/HTTPS/TCP - Audio clip playback
Audio In	Selectable(mic in/line in/Built-in mic)
Audio Out	Line out

Network	
Ethernet	RJ-45(10/100BASE-T)
Video Compression	H.265/H.264: Main/Baseline/High, MJPEG
Audio Compression	G.711 u-law /G.726 Selectable G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps AAC-LC: 48Kbps at 16KHz
Smart Codec	Manual(5ea area), WiseStream II
Bitrate Control	H.264/H.265: CBR or VBR MJPEG: VBR
Streaming	Unicast(20 users) / Multicast Multiple streaming(Up to 10 profiles)
Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, SRTP
Security	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP)
Application Programming Interface	ONVIF Profile S/G/T SUNAPI(HTTP API) Wisenet open platform

General	
Webpage Language	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
Edge Storage	Micro SD/SDHC/SDXC 2slot Max. 512GB(256GBx2)
Memory	1024MB RAM, 256MB Flash

Environmental & Electrical	
Operating Temperature / Humidity	-10°C~+55°C(-14°F~+131°F) / Less than 90% RH
Storage Temperature / Humidity	-50°C~+60°C(-58°F~+140°F) / Less than 90% RH
Input Voltage	PoE(IEEE802.3af, class3), 12VDC, 24VAC
Power Consumption	PoE: Max. 7.5W 12VDC: Max. 6.5W 24VAC: Max. 9W

Mechanical	
Color / Material	Black, Ivory / Plastic
Product Dimensions / Weight	73.1(W)x66.6(H)x147.8(D)mm(2.88x2.62x5.82"), 420g(0.93 lb)

Compatible lenses



Video	SLA-M2890DN	SLA-M2890PN
Imaging Device		
Resolution		
Effective Pixels		
Min. Illumination		
Max. Framerate		
NETD		
Pixel Size		
Video Out		
Video Transmission Distance		
Lens	SLA-M2890DN	SLA-M2890PN
Focal Length (Zoom Ratio)		
Max. Aperture Ratio		
Angular Field of View		
Lens Type		
Mount Type		
Focus Control		
Min. Object Distance		
Optional Lens		
Pan / Tilt / Rotate	SLA-M2890DN	SLA-M2890PN
Pan / Tilt / Rotate Range		
Pan Range		
Pan Speed		
Tilt Range		
Tilt Speed		
Rotate Range		
Sequence		
Preset Accuracy		
Operational	SLA-M2890DN	SLA-M2890PN
Camera Title		
Direction Indicator		
Day & Night		
Backlight Compensation		
Wide Dynamic Range		
Digital Noise Reduction		
Digital Image Stabilization		
Defog		
Motion Detection		
Privacy Masking		
Gain Control		
White Balance		
LDC		
Electronic Shutter Speed		
Digital PTZ		
Video Rotation		
Analytics		
Business Intelligence		
Serial Interface		
Alarm I/O		
Alarm Triggers		
Alarm Events		
Audio Streaming		
Audio In		
Audio Out		
IR Viewable Length		
IR Illuminator (Optional)		
IR Radiation angle		
IR LED		

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IR Wavelength		
IR Operation		
Water Removal		
Auto Tracking		
Coaxial Protocol		
Color Palettes		
Mechanical	SLA-M2890DN	SLA-M2890PN
Color / Material		
Product dimensions / weight		
RAL Code		
Product Dimensions / Weight		
Compatible Conduit hole / Gangbox		
Hanging Mount (Dome)		
Skin Cover		
Skin Cover (Dome)		
Weather Cap (Dome)		
Power Module		
Backbox		
Radiometry	SLA-M2890DN	SLA-M2890PN
Temperature Detect Range		
Temperature Accuracy		
Temperature Detection		
Additional		
Network	SLA-M2890DN	SLA-M2890PN
Ethernet		
Video Compression		
Audio Compression		
Smart Codec		
Video Quality Adjustment		
Bitrate Control		
Streaming		
Protocol		
SIP support (VoIP, Peer-to-peer, SIP/PBX integration)		
Security		
Application Programming Interface		
General	SLA-M2890DN	SLA-M2890PN
Webpage Language		
Web Viewer		
Edge Storage		
Memory		
Environmental & Electrical	SLA-M2890DN	SLA-M2890PN
Operating Temperature / Humidity		
Storage Temperature / Humidity		
Certification		
Input Voltage		
Power Consumption		
Certifications & Standards	SLA-M2890DN	SLA-M2890PN
Network		
EMC		
Safety		
Environment		
Video		
DORI (EN62676-4 standard)	SLA-M2890DN	SLA-M2890PN
Detect (25PPM/ 8PPF)		
Observe (63PPM/ 19PPF)		
Recognize (125PPM/ 38PPF)		
Identify (250PPM/ 76PPF)		

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CAD

Unit:mm [inch]

XNB-6000
XNB-8000
UNIT : mm(inch)

