Hanwha Vision

Network Dome

XND-6081REV

2MP IR PoE Extender Dome Camera

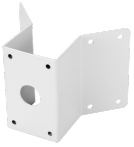
Key Features

- Max. 2MP resolution
- PoE Extender (Main cam, extension cam)
- PoE out :Max. 12.95W@80m
- 2.8~12mm(4.3x) motorized varifocal
- 0.015Lux@F1.4 (Color), 0Lux (B/W, IR LED on)
- IR viewable length 50m
- Day & Night (ICR), WDR (150dB)
- Hallway View, WiseStreamII Support
- Video & audio analytics, Audio playback
- Business Intelligence(People counting, Queue management, Heatmap)
- DIS and shock detection with built-in gyro sensor
- Modular structure, PoE+ in/ PoE out
- IP52, IK10

Compatible Accessories (Optional)

SBP-300LMW

SBP-300WMW1



SBP-300KMW

SBP-300BW

SBP-300PMW

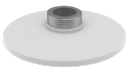
SBP-300WMW

SPB-IND85W

SBC-160B

SBP-300NBW

SBP-300CMW



SBP-167HMW

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Specifications

Video	
Imaging Device	1/2.8" 2MP 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/25fps(60Hz/50Hz)
Min. Illumination	Color: 0.015Lux(F1.4, 1./30sec) BW: 0Lux(IR LED)
Video Out	CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation USB: Micro USB Type B, 1280x720 for installation

Lens	
Focal Length (Zoom Ratio)	2.8~12mm(4.3x) motorized varifocal
Max. Aperture Ratio	F1.4(Wide)~F3.6(Tele)
Angular Field of View	H: 119.5°(Wide)~27.9°(Tele) / V: 62.8°(Wide)~15.7°(Tele) / D: 142.1°(Wide)~32.0°(Tele)
Min. Object Distance	0.5m(1.64ft)
Focus Control	Simple focus
Lens Type	DC auto iris, P iris

Pan / Tilt / Rotate	
Pan / Tilt / Rotate Range	0°~360° / -45°~85° / 0°~355°

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, rectangular zones - Color: Grey/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°)

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Analytics	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, Shock detection
Business Intelligence	People counting, Queue management, Heatmap
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 Audio playback
Audio In	Selectable(Mic in/Line in/Built-in Mic) Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm
Audio Out	Line out, Max. output level: 1Vrms
IR Viewable Length	50m(164.04ft)

Network	
Ethernet	Metal shielded 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, PIM-SM, 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) Device Certificate(Hanwha Techwin Root CA)
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, Swedish,, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
Edge Storage	Micro SD/SDHC/SDXC 2slot 512GB
Memory	1024MB RAM, 256MB Flash

Environmental & Electrical	
Operating Temperature / Humidity	-25°C~+60°C (-13°F~+140°F) / Less than 90% RH
Storage Temperature / Humidity	-50°C~+60°C (-58°F~+140°F) / Less than 90% RH
Certification	IP52, IK10
Input Voltage	PoE+(IEEE802.3at, Class4)
Power Consumption	Max 25.5 W (Main CAM + Extension CAM) Typical 10.2W (Main CAM) * PoE Out: Max 12.95W at 80meters using CAT5/5E cable

Mechanical	

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Color / Material	White / Aluminum
RAL Code	RAL9003
Product Dimensions / Weight	Ø160x125mm(6.30x4.92"), 1.45kg(3.20 lb)
Compatible Conduit hole / Gangbox	3/4"
Hanging Mount (Dome)	SBP-167HM

DORI (EN62676-4 standard)	
Detect (25PPM/ 8PPF)	Wide: 22.4m(73.49ft) / Tele: 155m(508.53ft)
Observe (63PPM/ 19PPF)	Wide: 9.0m(29.53ft) / Tele: 62m(203.41ft)
Recognize (125PPM/ 38PPF)	Wide: 4.5m(14.76ft) / Tele: 31m(101.71ft)
Identify (250PPM/ 76PPF)	Wide: 2.2m(7.22ft) / Tele: 15m(49.21ft)

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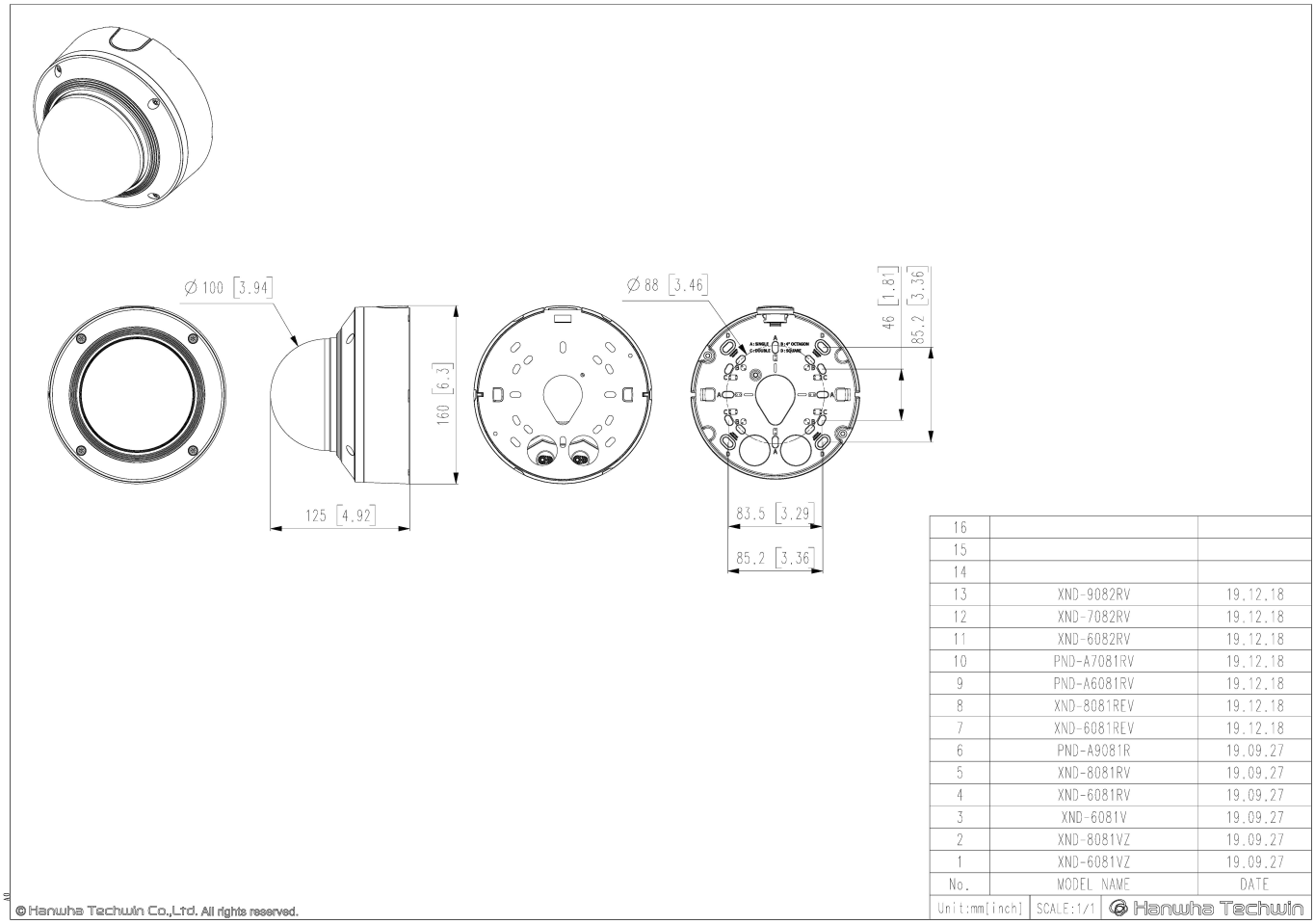
CAD

Unit:mm [inch]



No.	MODEL NAME	DATE
16		
15		
14		
13	XND-9082RV	19.12.18
12	XND-7082RV	19.12.18
11	XND-6082RV	19.12.18
10	PND-A7081RV	19.12.18
9	PND-A6081RV	19.12.18
8	XND-8081REV	19.12.18
7	XND-6081REV	19.12.18
6	PND-A9081R	19.09.27
5	XND-8081RV	19.09.27
4	XND-6081RV	19.09.27
3	XND-6081V	19.09.27
2	XND-8081VZ	19.09.27
1	XND-6081VZ	19.09.27

Unit:mm[inch] | SCALE:1/1 | Hanwha Techwin

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