

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(Microphone in/Line in/built-in microphone) Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm
Audio Out	Line out, Maximum output level: 1Vrms
Network	
Ethernet	RJ-45(10/100BASE-T)
Video Compression	H.265/H.264: Main/Baseline/High, MJPEG
Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Maximum Framerate	H.265/H.264: Maximum 60fps MJPEG: Maximum 30fps
Smart Codec	Manual(5ea area), WiseStreamII
Bitrate Control	H.264/H.265: CBR or VBR MJPEG: VBR
Streaming	Unicast(20 users) / Multicast Multiple streaming(Up to 10 profiles)
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
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)
Edge Storage	Micro SD/SDHC/SDXC 2 slots, maximum total capacity 512GB
Application Programming Interface	ONVIF Profile S/G/T SUNAPI(HTTP API) Wisenet open platform
Web Viewer	Supported OS: Windows 8.1, 10, Mac OS X 10.13 Recommended Browser: Google Chrome Supported Browser: MS Internet Explorer 11, MS Edge, Mozilla Firefox(Windows 64bit only), Apple Safari(Mac OS X only)
Memory	1024MB RAM, 256MB Flash
Environmental	
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
Electrical	
Input Voltage	PoE+(IEEE802.3at, Class4)
Power Consumption	Max 25.5 W (Main Camera + Extension Camera) Typical 10.2W (Main Camera) * PoE Out: Max 12.95W at 80meters using CAT5/5E cable

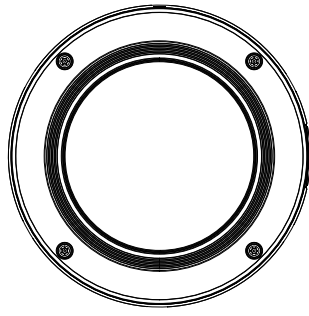
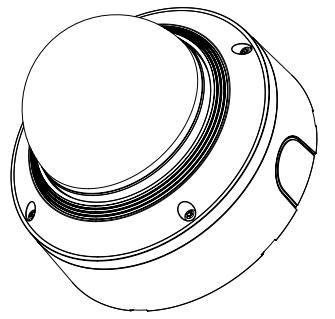
Mechanical

Color / Material	White / Aluminum
RAL Code	RAL9003
Product dimensions / weight	Ø160x125mm(6.30x4.92"), 1.45kg(3.20 lb)

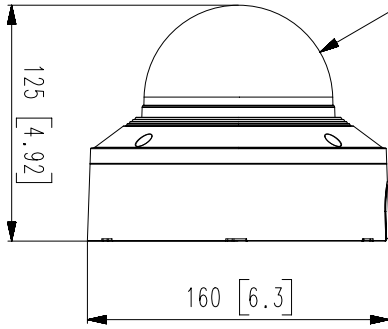
DORI

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)

- The latest product information / specification can be found at hanwhasecurity.com
- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of Hanwha Techwin , formerly known as Samsung Techwin.

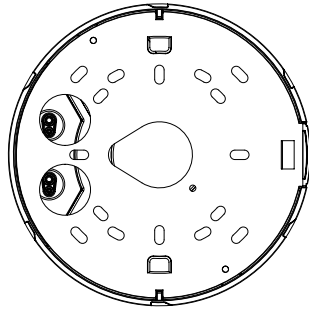


∅ 100 [3.94]

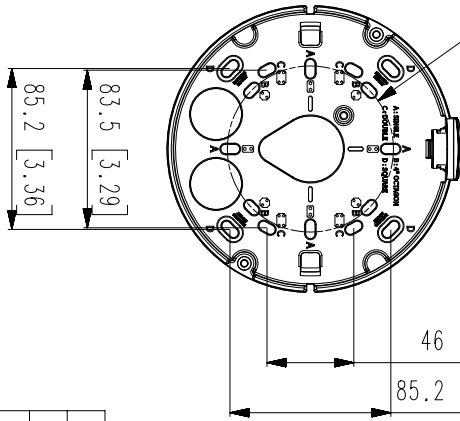


125 [4.92]

160 [6.3]



∅ 88 [3.46]



46 [1.81]

85.2 [3.36]

83.5 [3.29]
85.2 [3.36]

16		
15		
14		
13	XND-9082RV	19.12.
12	XND-7082RV	19.12.
11	XND-6082RV	19.12.
10	PND-A7081RV	19.12.
9	PND-A6081RV	19.12.
8	XND-8081REV	19.12.
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
No.	MODEL NAME	DATE

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

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