





XND-8030R

5M H.265 IR Dome Camera











Key Features

- Built-in 3.7mm/4.6mm/7.0mm fixed lens
- Max. 30fps@all resolutions (H.265/H.264)
- Loitering, Directional detection, Fog detection
- Digital auto tracking, Sound classification, Heatmap
- People counting, Queue management, Tampering
- · Motion detection, Handover
- Dual SD slots (Max. 512GB), WiseStream II support
- IR viewable length 30m, IK08

Compatible Accessories (Optional)



SPB-IND11 SBP-300CM





SBP-120WM



SBP-300PM



SBP-300KM



SBP-300WM1



SBP-300LM



SBP-390WM2





SBP-300WM



SBP-300B



SBP-300HM7



SBP-300NB



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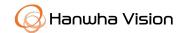


Specifications

Video	
Imaging Device	1/1.8" 6MP CMOS
Resolution	2560x1920, 2560x1440, 2048x1536, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 30fps/25fps(60Hz/50Hz)
Min. Illumination	Color: 0.16Lux(F1.6, 1/30sec) BW: OLux(IR LED on)
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)	4.6mm fixed focal
Max. Aperture Ratio	F1.6
Angular Field of View	H: 77.9°, V: 57.9°, D: 98.7°
Min. Object Distance	0.4m(1.31ft)
Lens Type	Fixed
Pan / Tilt / Rotate	
Pan / Tilt / Rotate Range	0°~354° / 0°~67° / 0°~355°
Operational	
Camera Title	Displayed up to 85 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, HLC, WDR, SSDR
Wide Dynamic Range	120dB
Digital Noise Reduction	SSNRV
Digital Image Stabilization	Support
Defog	Support
Motion Detection	8ea, 8point polygonal zones
Privacy Masking	32ea, polygonal 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°)
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

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 Triggers Analytics. Network disconnect, Alarm input Alarm Triggers Part Section of the Part of t	Business Intelligence	People counting, Queue management, Heatmap
Alarm Events File upload via FTP and 4-mail	Alarm I/O	Input 1ea / Output 1ea
Notification via =-mails SD/SMC/SDXC or NAS recording at event triggers Alarm output DPT2 president SD/SMC/SDXC or NAS recording at event triggers Alarm output DPT2 president Supply votages 2-SyOC(AmA), Input impedances 2R Ohm Audio Out Line out. Max.output level: 1Vrms	Alarm Triggers	Analytics, Network disconnect, Alarm input
Supply voltage: 2.5 VDC(4mA), Input impedance: 2K Ohm Audio Out Line out, Max output level: 1Vrms R Viewable Length 30m(98, 42tt) Network Ethernet RJ-45(10/100BASE-T) Video Compression H.265/H.264: Main/Baseline/High, MJPEG Audio Compression C, 771. L-law, IG, 726 Selectable G, 726. 11 MRVL G, 726. 12 MKPp. 3C MKPp	Alarm Events	Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers Alarm output
R Vicewable Length 30m(98.42ft)	Audio In	
Rethernet RJ-45(10/100BASE-T) Wideo Compression H 265/H.264: Main/Baseline/High_MJPEG Audio Compression G 7.71 L-law /G.726 Selectable G.726 (ADPCM) 8HIZ, G.711 KHz G.726 (ADPCM) 8HIZ, G.726 (ADPCM) G.726 (ADPCM) 8HIZ, G.721 KHZ G.726 (ADPCM) 8HIZ, G.726 (ADPCM) G	Audio Out	Line out, Max.output level: 1Vrms
Ethernet RJ-45(10/100BASE-T) Video Compression H.265/H.264: Main/Baseline/High, MJPEG Audio Compression G.711 u-law (6.726 Selectable G.726(APCM, 8Hz, 6.711 & KHz, 6.7126) G.726(APCM, 8Hz, 6.711 & KHz, 6.7126) G.726(APCM, 8Hz, 6.711 & KHz, 6.7126) Smart Codec Manual(Sea area), WiseStream II Bitrate Control M.1264(APCM, 8Hz, 6.7126) Bitrate Control M.1264(APCM, 8Hz, 6.7126) Unicast(20 user) / Multicas Multiple streaming(Up to 10 profiles) Protocol IP-4, IP-6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSI/TLS, DHCP, FTP, SMTP, ICMP, ICMP, ICMP, ICMP, ICMP, SNMP-1/v2/cylo(MB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Benjour, LLDP, SRTP Security British Control Programming Interface ONWIP Profile S/G/T USA suthentication Programming Interface Supported OS: Windows 7-8.1.10 Mac OS X 1010, 10.11.10.12 Recommended Browser: Google Chrome Supported Browser: MS Explored 1. MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS X only) Edge Storage Micro SD/SDHC/SDXC 2slot 512GB Memory 1024MB RAM, 256MB Flash Environmental & Electrical Operating Temperature / Humidity -10°C+55°C(14°F -+131°F) / Less than 90% RH Environmental & Electrical Operating Temperature / Humidity -50°C -+60°C (-58°F -+140°F) / Less than 90% RH Etwiconsumption PoE: Max 8W 12VDC: Max. 8W Mechanical Color / Material North Activities of the Storage Material Storage Material Storage Max 8W 12VDC: Max. 8W	IR Viewable Length	30m(98.42ft)
Video Compression H.265/H.264: Main/Baseline/High, MJPEG Audio Compression G.711 u-law /G.726 Selectable G.7264/DPC/M BRHz, G.711 BRHz G.726.16Kbps, 24Kbps, 40Kbps ARC-LC-48Rbps at 16KHz Smart Codec Manual(Sea 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 IPA_HPA. TCP/B. UpD/B. RTP(UpD), RTP(CP, RTCP.RTSP, NTP. HTTP, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SMMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPNP, Bonjour, LLDP, SRTP Security HTTPS/SSL) Login Authentication Digest Login Authentication IPA Address Filtering User access log 802.11 Authentication/EAP-TLS, EAP-LEAP) Application Programming Interface Supported OS: Windows 7, 8.1, 10. Mac OS X 10.10, 10.11. 10.12 Recommended Browser: Google Chrome Supported Prowser: MS Explore11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS X 10.10) Edge Storage Micro SD/SDHC/SDXC 2slot 512GB 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 Certification IKOB Input Voltage PoE (IEEB02.3af, ClassS), 12VDC Power Consumption PoE: Max 9W Power Consumption PoE: Max 9W Mechanical <td>Network</td> <td></td>	Network	
Audio Compression G.711 u-law /G.726 Selectable G.726 /ADPC/M) 8KHz. G.711 kKHz G.726 /ADPC/M) 8KHz. G.726 /ADPC/M G.726 /	Ethernet	RJ-45(10/100BASE-T)
G.726/ADPCM) BKHz, G.711 BKHZ G.725: 16Kbps, 24Kbps, 32Kbps, 40Kbps AAC-LC: 48Kbps, 32Kbps, 40Kbps AAC-LC: 48Kbps, 32Kbps, 40Kbps AAC-LC: 48Kbps at 16KHz Bitrate Control H.264/H.265: GR or VBR MJPEG: VBR Streaming Unicast(20 users) / Multicast Multipe streaming(Up to 10 profiles) Protocol IP-4, IP-6, TCP/IP- UDP/IP, RTP(UDP), RTP(TCP), RTC-RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP. SMTP, ICMP, IGMP, SMM*Pv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, LLDP, SRTP Security HTTPS(SSL) Login Authentication IP-8 ddress Filtering User access log B02.14 Nuthentication(EAP-TLS, EAP-LEAP) Application Programming Interface ONVIF Profile S/G/T SUNAPI(HTTP API) Wisenet open platform General Web Viewer Supported OS: Windows 7, 8.1. 10, Mac OS X 10.10, 10.11, 10.12 Recommended Browser: Mos Explore11. MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS X 10.10) Edge Storage Micro SD/SDHC/SDXC 2slot 512GB Memory Environmental & Electrical Operating Temperature / Humidity -10°C-+55°C(14°F ~+131°F) / Less than 90% RH Storage Temperature / Humidity -50°C ~ 460°C (-58°F ~+140°F) / Less than 90% RH Storage Temperature / Humidity -50°C ~ 460°C (-58°F ~+140°F) / Less than 90% RH Environmental & Electrical Decrification IK08 Input Voltage Power Consumption PoE: Max 9W 12VDC: Max 8W Mechanical Mechanical Color / Material Ivory Aluminum	Video Compression	H.265/H.264: Main/Baseline/High, MJPEG
Bitrate Control H.264/H.265: CBR or VBR MJPEG: VBR Streaming Unicast(20 users) / Multicast Multiple streaming(Up to 10 profiles) Protocol IPM4, IPM4, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP,RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SMMPV1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, LLDP, SRTP Security HTTPS(SSL) Login Authentication Digest Login Authentication Digest Login Authentication Digest Login Authentication Digest Login Authentication User access log Boo 21 XA Authentication [EAP-TLS, EAP-LEAP) Application Programming Interface ONVIF Profile S/G/T SUNAP/I(HTTP API) Wisenet open platform General Web Viewer Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12 Recommended Browser: Google Chrome Supported Browser: MS Explore11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS XOnly) Edge Storage Micro SD/SDHC/SDXC 2slot 512GB 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 Certification IKO8 Input Voltage PoE(IEEE802.3af, Class3), 12VDC Power Consumption POE: Max 9W 12VDC: Max. 8W Mechanical Color / Material	Audio Compression	G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps
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, SMMPV1/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 Ige 802.1X Authentication IEAP-TLS, EAP-LEAP) Application Programming Interface Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12 Recommended Browser: Google Chrome Supported Browser: MS Explore11, MS Edge, Mozilla Firefox (Window 64bit only), Apple Safari (Mac OS X only) Edge Storage Micro SD/SDHC/SDXC 2slot 512GB 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 Certification IK08 Input Voltage PoE(IEEE802.3af, Class3), 12VDC Power Consumption PoE: Max 9W 12VDC: Max. 8W Mechanical Color / Material Nory / Aluminum	Smart Codec	Manual(5ea area), WiseStream II
Multiple streaming(Up to 10 profiles) Protocol IPv4, Pv6, TCP/IP, UDP/IP, RTP(UDP), RTPCP, RTP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SMMPJ L/W2, V3 (MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, LLDP, SRTP SEcurity HTTPS(SSL) Login Authentication Digest Login Authentication Digest Login Authentication Digest Login Authentication Programming Interface ONNIF Profile S/G/T SUNAP/(HTTP AP) Wisenet open platform	Bitrate Control	
SMTP, ICMP, IGMP, IGMP, ISMPV1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, LLDP, SRTP HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP) Application Programming Interface ONNIF Profile S/G/T SUNAP(INTTP AP) Wisenet open platform General Web Viewer Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12 Recommended Browser: Google Chrome Supported Browser: MS Explore11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS X only) Edge Storage Micro SD/SDHC/SDXC 2slot 512GB 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 Certification IKO8 Input Voltage PoE(IEEE802.3af, Class3), 12VDC Power Consumption PoE(IEEE802.3af, Class3), 12VDC Power Consumption PoE(IEEE802.3af, Class3), 12VDC Power Consumption PoE(IEEE002.3af, Class3), 12VDC PoWer Consumption	Streaming	
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 Web Viewer Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12 Recommended Browser: Google Chrome Supported Browser: MS Explore11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS X only) Edge Storage Micro SD/SDHC/SDXC 2slot 512GB 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 Certification IKO8 Input Voltage PoE (IEEEB02.3af, Class3), 12VDC Power Consumption PoE: Max 9W 12VDC: Max. 8W Mechanical Color / Material Ivory / Aluminum	Protocol	
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Web Viewer Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12 Recommended Browser: Google Chrome Supported Browser: MS Explore11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS X only) Edge Storage Micro SD/SDHC/SDXC 2slot 512GB 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 Certification IKO8 Input Voltage PoE(IEEE802.3af, Class3), 12VDC Power Consumption PoE: Max 9W 12VDC: Max. 8W Mechanical Color / Material Ivory / Aluminum	Application Programming Interface	SUNAPI(HTTP API)
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Environmental & Electrical Operating Temperature / Humidity	Edge Storage	Micro SD/SDHC/SDXC 2slot 512GB
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 Certification IK08 Input Voltage PoE(IEEE802.3af, Class3), 12VDC Power Consumption PoE: Max 9W 12VDC: Max. 8W Mechanical Color / Material Ivory / Aluminum	Memory	1024MB RAM, 256MB Flash
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Certification IK08 Input Voltage PoE(IEEE802.3af, Class3), 12VDC Power Consumption PoE : Max 9W 12VDC : Max. 8W Mechanical Color / Material Ivory / Aluminum	Operating Temperature / Humidity	-10°C~+55°C(14°F ~ +131°F) / Less than 90% RH
Input Voltage PoE(IEEE802.3af, Class3), 12VDC Power Consumption PoE : Max 9W 12VDC : Max. 8W Mechanical Color / Material Ivory / Aluminum	Storage Temperature / Humidity	-50° C ~ $+60^{\circ}$ C (-58° F ~ $+140^{\circ}$ F) / Less than 90% RH
Power Consumption PoE: Max 9W 12VDC: Max. 8W Mechanical Color / Material Ivory / Aluminum	Certification	IK08
Mechanical Color / Material Lvory / Aluminum	Input Voltage	PoE(IEEE802.3af, Class3), 12VDC
Color / Material Ivory / Aluminum	Power Consumption	
	Mechanical	
Product Dimensions / Weight Ø110x90mm(4.33"x3.54"), 380g(0.84 lb)	Color / Material	Ivory / Aluminum
	Product Dimensions / Weight	Ø110x90mm(4.33"x3.54"), 380g(0.84 lb)

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CAD Unit:mm [inch]

