QNV-7020R

4M H.265 NW IR Dome Camera



Key Features

- Max. 4M resolution
- Built-in 3.6mm fixed lens
- Max. 20fps@4M, Max. 30fps@under 2M (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- microSD (128GB) memory slot, PoE / 12V DC
- IR viewable length 25m
- Hallway view, WiseStream support, IP66, IK10
- LDC support (Lens Distortion Correction)

Accessories (Optional)


SBP-122HM


SBV-120WC


SBP-137WM


SBP-137WM1


SBV-136B


SPB-VAN12


SBD-120GP


SBP-300WM1


SBP-300WM


SBP-300CM


SBP-300PM


SBP-300B


SBP-300KM


SBP-300LM


SBP-300NB

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Video	
Imaging Device	1/3" 4MP CMOS
Effective Pixels	2688(H)x1520(V)
Min. Illumination	Color: 0.4Lux(F2.2, 1/30sec) BW: 0Lux(IR LED on)
Lens	
Focal Length (Zoom Ratio)	3.6mm fixed focal
Max. Aperture Ratio	F2.2
Angular Field of View	H: 81° / V: 45° / D: 95°
Focus Control	Fixed
Pan / Tilt / Rotate	
Pan / Tilt / Rotate Range	0˚~350˚ / 0˚~67˚ / 0˚~355˚
Operational	
IR Viewable Length	25m(82.02ft)
Camera Title	Displayed up to 20 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
Video Rotation	Flip, Mirror, Hallway view(90˚/270˚)
Analytics	Defocus detection, Motion detection, Tampering
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
Audio In	Line in Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm
Network	
Ethernet	RJ-45(10/100BASE-T)
Video Compression	H.265/H.264, MJPEG
Resolution	2592 x 1520, 2560 x1440 (16 : 9), 2304 x 1296, 1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 800 x 448, 720 x 576, 720 x 480, 640 x 480, 640 x 360, 320 x 240

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Max. Framerate	H.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 15fps/12fps(60Hz/50Hz)
Smart Codec	WiseStream I
Bitrate Control	H.264/H.265: CBR or VBR MJPEG: VBR
Streaming	Unicast(6 users) / Multicast Multiple streaming (Up to 3 profiles)
Audio Compression	G.711 u-law /G.726 Selectable G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps
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
Security	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP)
Edge Storage	Micro SD/SDHC/SDXC 1slot 256GB (TBD)
Application Programming Interface	ONVIF Profile S/G SUNAPI(HTTP API)
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)
Memory	512MB RAM , 256MB Flash
Environmental	
Operating Temperature / Humidity	-30°C ~ +55°C (-22°F ~ +131°F) / Less than 90% RH * Start up should be done at above -20°C
Storage Temperature / Humidity	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH
Certification	IP66, IK10
Electrical	
Input Voltage	PoE(IEEE802.3af, Class3), 12VDC
Power Consumption	PoE: Max 6.8W 12VDC: Max 5.7W
Mechanical	
Color / Material	Ivory / Aluminum
Product dimensions / weight	Ø120.3 x 91.7mm(Ø4.74" x 3.61"), 490g (1.08 lb)

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

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