



Network

Dome

QNE-7080RV

4M H.265 IR Flateye Camera



Key Features

- Max. 4Megapixel (2592 x 1520) resolution
- 3.2~10mm (3.1x) motorized varifocal lens
- 0.2Lux@F1.6 (Color), 0Lux (B/W)
- Max. 20fps@4Megapixel (H.265 / H.264), 30fps@2Megapixel
- H.265, H.264, MJPEG codec support, Multiple streaming, Day & Night, WDR (120dB)
- Tampering, Motion detection, Defocus detection
- microSD / SDHC / SDXC memory slot (Max. 128GB)
- Hallway view, WiseStream support, LDC, PoE / 12V DC
- IR Viewable length 30m

Compatible Accessories (Optional)



SBP-300CM



SBP-300PM



SBP-300KM



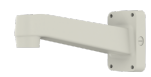
SBP-300WM1



SBP-300HM5



SBP-300LM



SBP-390WM2



SBP-300WM



SBF-100B1



SBP-300B



SBP-300NB

QNE-7080RV

4M H.265 IR Flateye Camera



Specifications

Video	
Imaging Device	1/3" 4MP CMOS
Resolution	2592 x 1520, 2560 x 1440 (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
Max. Framerate	H.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 15fps/12fps(60Hz/50Hz)
Min. Illumination	Color: 0.2Lux(F1.6, 1/30sec) BW: 0Lux(IR LED on)
Lens	
Focal Length (Zoom Ratio)	3.2~10mm(3.1x) motorized varifocal
Max. Aperture Ratio	F1.6(Wide)~F2.9(Tele)
Angular Field of View	H: 100°(Wide)~30.5°(Tele) / V: 55.7°(Wide)~18.3°(Tele) / H: 119.6°(Wide)~35.3°(Tele)
Focus Control	Simple focus
Pan / Tilt / Rotate	
Pan / Tilt / Rotate Range	0°~350° / 0°~70° / 0°~355°
Operational	
Camera Title	Displayed up to 20 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, WDR, SSSR
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

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.

QNE-7080RV

Audio In	Line in Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm
IR Viewable Length	30m(98.42ft)
Network	
Ethernet	RJ-45(10/100BASE-T)
Video Compression	H.265/H.264, MJPEG
Audio Compression	G.711 u-law /G.726 Selectable G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps
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)
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)
Application Programming Interface	ONVIF Profile S/G SUNAPI(HTTP API)

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 1slot 256GB (TBD)
Memory	512MB RAM , 256MB Flash

Environmental & Electrical

Operating Temperature / Humidity	-30°C ~ +55°C (-22°F ~ +131°F) / Less than 90% RH
Storage Temperature / Humidity	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH
Certification	IP66, IK10
Input Voltage	PoE(IEEE802.3af, Class3), 12VDC
Power Consumption	PoE: Max 8.6W 12VDC: Max 7.7W

Mechanical

Color / Material	Ivory / Aluminum
RAL Code	RAL9003
Product Dimensions / Weight	Ø144.9x135.5mm(Ø5.7x5.33"), 1.3Kg(2.87lb)

QNE-7080RV

4M H.265 IR Flateye Camera



CAD

Unit:mm [inch]

This part should not contain any substances which are specified in AHS-003K

C:W:mm(±0.01)

NO.	PART NAME	CODE NO.	MATERIAL	QTY	REMARK
1				1	

STANDARD TOLERANCE

SIZE	IT1	IT2	IT3	IT4	IT5	IT6	IT7	IT8	IT9	IT10
0-10	0.0075	0.010	0.015	0.020	0.030	0.040	0.050	0.075	0.100	0.150
10-30	0.010	0.015	0.020	0.030	0.040	0.050	0.075	0.100	0.150	0.200
30-100	0.015	0.020	0.030	0.040	0.050	0.075	0.100	0.150	0.200	0.300
100-300	0.020	0.030	0.040	0.050	0.075	0.100	0.150	0.200	0.300	0.500
300-1000	0.030	0.040	0.050	0.075	0.100	0.150	0.200	0.300	0.500	1.000

UNIT: DIM: DESIGN: CHECK: APPROVAL: PART NAME: MODEL NAME: CODE NO.

Hanwha Techwin