



Network

Bullet

# XNO-8070RHA

5MP Number Plate Identification Camera



## Key Features

- Max. 5 megapixel (2560 x 1920) resolution
- 12~50mm (4.1x) manual varifocal
- Max. 30fps@all resolutions (H.265 / H.264)
- IR viewable length 25m (Vehicle license plate identification )
- Day & Night (ICR), WDR (120dB), Defog
- Hallway view, WiseStreamII support, IP66

# XNO-8070RHA

5MP Number Plate Identification  
Camera



## Specifications

Video	
Imaging Device	1/1.8" CMOS
Resolution	2560 x 1920, 2560 x 1440, 1920 x 1080, 1600 x 1200, 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 MJPEG : Max. 30fps
Min. Illumination	Color : 0.098Lux (F1.5, 1/30sec) BW : 0Lux (IR LED on) BW : 0.009Lux (F1.5, 1/30sec)
Video Out	CVBS : 1.0 Vp-p / 75Ω composite, 720 x 480(N), 720 x 576(P) for installation USB : Micro USB Type B, 1280 x 720 for installation
Lens	
Focal Length (Zoom Ratio)	12~50mm(4.1x) manual varifocal
Max. Aperture Ratio	F1.5
Angular Field of View	H: 29.4°(Wide)~7.6°(Tele) / V: 21.9°(Wide)~5.7°(Tele)
Min. Object Distance	1.0m(3.28ft)
Focus Control	Manual
Lens Type	DC auto iris(IR corrected)
Mount Type	CS mount
Operational	
Camera Title	Displayed up to 85 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, HLC, WDR, SDR
Wide Dynamic Range	120dB
Digital Noise Reduction	SSNR V
Digital Image Stabilization	Support(built-in gyro sensor)
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 / Manual
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](http://HanwhaVision.com).

Hanwha Vision is formerly known as Hanwha Techwin.

## XNO-8070RHA

Serial Interface	RS-485(Samsung-T, Pelco-D/P, Panasonic, Bosch, AD, GE, Vicon, Honeywell)
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 DPTZ Preset
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	Automatic Plate Recognition : 25m(82ft), For security : 100m(328 ft)
IR Radiation angle	25°
IR LED	15 pcs, High-power LED
IR Wavelength	850nm
IR Operation	Auto On/Off
<b>Network</b>	
Ethernet	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 8/16/32/48KHz
Smart Codec	Manual(5ea area), WiseStream II
Bitrate Control	H.264/H.265: CBR or VBR MJPEG: VBR
Streaming	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, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, SRTP(TCP, UDP Unicast)
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/T SUNAPI(HTTP API) Wisenet open platform
<b>General</b>	
Webpage Language	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish,, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
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 256GB(Each CH)
Memory	1024MB RAM, 512MB Flash
<b>Environmental &amp; Electrical</b>	
Operating Temperature / Humidity	normal: -20°C ~ +55°C (-4°F ~ +131°F) / Less than 90% RH, Intermittent : -20°C~+60°C(-4°F ~ +140°F) / Less than 90% RH
Storage Temperature / Humidity	-30°C ~ +60°C(-22°F ~ +140°F) / Less than 90% RH

Design and specifications are subject to change without notice. The latest product information / specification can be found at [HanwhaVision.com](http://HanwhaVision.com).

Hanwha Vision is formerly known as Hanwha Techwin.

## XNO-8070RHA

Certification	IP66
Input Voltage	220VAC
Power Consumption	220VAC: Max 35 W, typical 33 W

---

Mechanical	
Color / Material	Light Gray / Aluminum: Body Light Gray / Plastic: Front/Rear
Product Dimensions / Weight	200(W)x150(H)x570(L)mm(7.87x5.91x22.44"), 4580gram

# XNO-8070RHA

5MP Number Plate Identification  
Camera



CAD

Unit:mm [inch]

