LNO-6020R

2M H.264 NW IR Bullet Camera



Key Features

- Max. 2megapixel (1920 x 1080) resolution
- Built-in 4mm fixed lens
- Max. 30fps@all resolutions (H.264)
- H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB)
- Tampering, Motion detection
- microSD/SDHC/SDXC memory slot (Max. 32GB), PoE
- Hallway view, WiseStreamII support
- IR viewable length 30m
- IP66 support

※ Available in select regions

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Video	
Imaging Device	1/2.9" 2MP CMOS
Effective Pixels	1984(H)x1105(V)
Min. Illumination	Color: 0.18Lux(F2.0, 1/30sec) BW : 0Lux (IR LED on)
Lens	
Focal Length (Zoom Ratio)	4.0mm fixed focal
Max. Aperture Ratio	F2.0
Angular Field of View	H: 80.0° / V: 43.0° / D: 94.0°
Min. Object Distance	0.5m(1.64ft)
Focus Control	Fixed
Operational	
IR Viewable Length	30m(98.43ft)
Camera Title	Displayed up to 15 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, WDR, SSDR
Wide Dynamic Range	120dB
Digital Noise Reduction	SSNR
Motion Detection	4ea, rectangler zones
Privacy Masking	6ea, rectangular zones
Gain Control	Support
White Balance	ATW / AWC / Manual / Indoor / Outdoor
LDC	Low / Middle / High
Electronic Shutter Speed	Minimum / Maximum / Anti flicker
Video Rotation	Flip, Mirror, Hallway view(90˚/270˚)
Analytics	Motion detection, Tampering
Alarm Triggers	Analytics
Alarm Events	File upload via FTP and e-mail Notification via e-mail SD/SDHC recording at event triggers
Network	
Ethernet	RJ-45(10/100BASE-T)
Video Compression	H.264: Main/Baseline/High, MJPEG
Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 640x480, 640x360, 320x240
Max. Framerate	H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG : Max. 1fps at 1920x1080, 1280x1024, 1280x720, 1024x768, Max. 15fps at other resolution
Smart Codec	WiseStream Ⅱ
Bitrate Control	H.264: CBR or VBR MJPEG: VBR
Streaming	Unicast(6 users) / Multicast Multiple streaming (Up to 3 profiles)

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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, UPnP, Bonjour
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 1slot 32GB
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	256MB 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(-4°F)
Storage Temperature / Humidity	-30°C ~ +60°C(-22°F ~ +131°F) / Less than 90% RH
Certification	IP66
Electrical	
Input Voltage	PoE(IEEE802.3af, Class3)
Power Consumption	PoE: Max 6.50W
Mechanical	
Color / Material	Dark grey / Plastic
Product dimensions / weight	Ø58.6x182.0mm(Ø2.31x7.17"), 240g(0.53 lb)

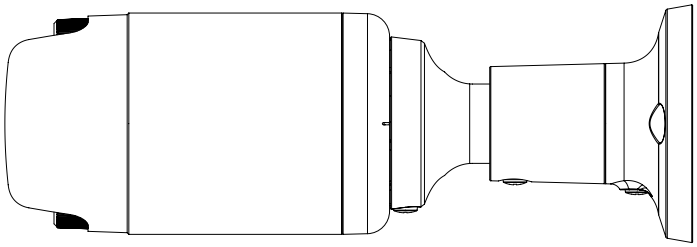
- The lastest product information / specification can be found at hanwha-security.com
- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of Hanwha Techwin , formerly known as Samsung Techwin.

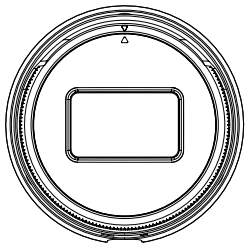
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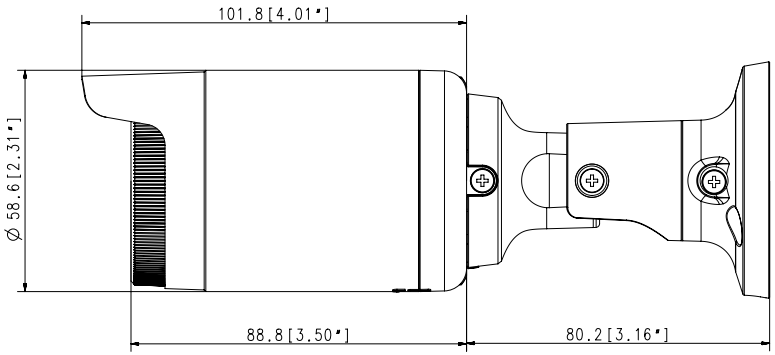
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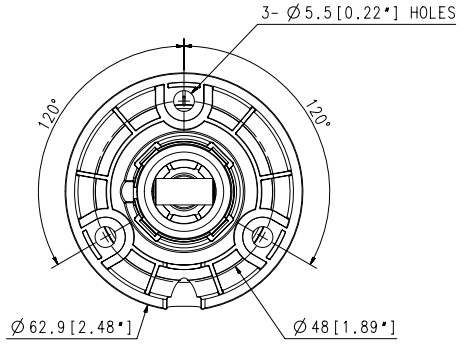
This parts should not contain any substances which are specified in STS-TP91-015

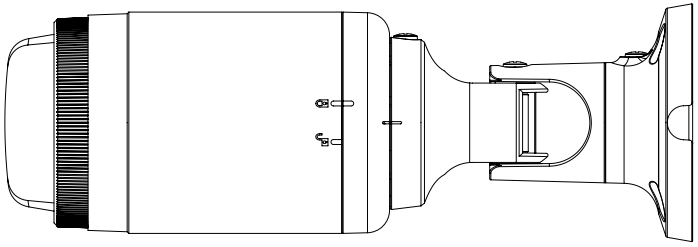
NO	PART NAME	CODE NO.	MATERIAL	Q'TY	REMARK
1	-	-	-	1	-











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A	CHANGE						

UNIT	mm	DESIGN	CHECK	APPROVAL	PART NAME	APPEARANCE
SCALE	1/1	HTW	-	-	MODEL NAME	LNO-6010R/6020R/6030R
		17.11.16	-	-		
HANWHA TECHWIN					CODE NO.	-