

# LND-6012R

2 MP IR Dome Camera



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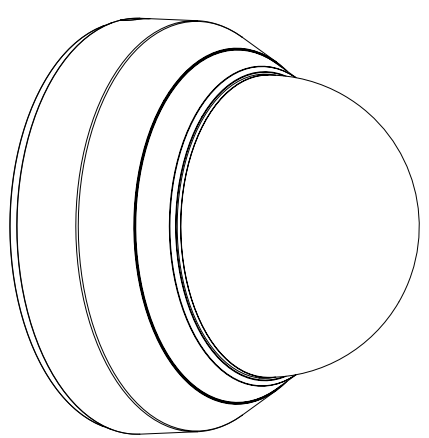
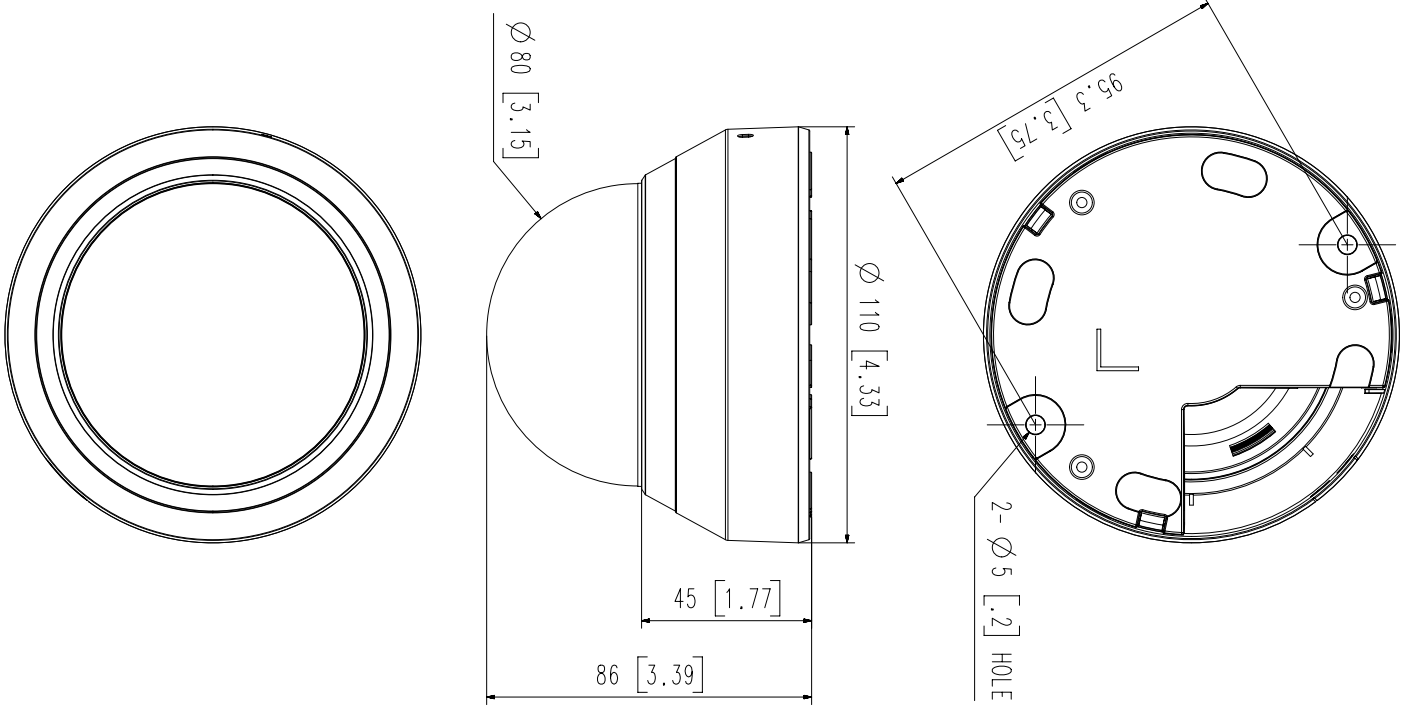
## Key Features

- 2 megapixel (1920 x 1080) resolution
- Built-in 2.8mm fixed lens
- 30fps@all resolutions (H.264)
- H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB)
- Tampering, Motion detection
- microSD/SDHC memory slot (Maximum 32GB), PoE
- Hallway view, WiseStreamII support
- IR viewable length 20m

<b>Video</b>	
Imaging Device	1/2.8" 2MP CMOS
Effective Pixels	1945(H)x1097(V)
Minimum Illumination	Color: 0.1Lux(F2.0, 1/30sec) BW : 0Lux (IR LED on)
<b>Lens</b>	
Focal Length (Zoom Ratio)	2.8mm fixed focal
Maximum Aperture Ratio	F2.0
Angular Field of View	H: 113.7° / V: 61.5° / D: 134.4°
Minimum Object Distance	0.5m(1.64ft)
Focus Control	Fixed
<b>Pan / Tilt / Rotate</b>	
Pan / Tilt / Rotate Range	0°~350° / 0°~67° / 0°~355°
<b>Operational</b>	
IR Viewable Length	20m(65.62ft)
Camera Title	Displayed up to 15 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, WDR, SDR
Wide Dynamic Range	120dB
Digital Noise Reduction	SSNR
Motion Detection	4ea, rectangular 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	Motion detection, Tampering
Alarm Triggers	Analytics
Alarm Events	File upload via FTP and e-mail Notification via e-mail
<b>Network</b>	SD/SDHC recording at event triggers
Ethernet	RJ-45(10/100BASE-T)
Video Compression	H.264: Main/Baseline/High, MJPEG
Resolution	1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360
Max. Framerate	H.264: Maximum 30fps MJPEG : Maximum 2fps at 1920x1080, Maximum, 3fps at 1280x960, 1280x720 Maximum 10fps at other resolution
Smart Codec	WiseStreamII
Bitrate Control	H.264: CBR or VBR MJPEG: VBR

<b>Streaming</b>	Unicast (6 users) / Multicast Multiple streaming (Up to 3 profiles)
<b>Protocol</b>	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, LLDP
<b>Security</b>	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication (EAP-TLS, EAP-LEAP)
<b>Edge Storage</b>	Micro SD/SDHC 1 slot 32GB
<b>Application Programming Interface</b>	ONVIF Profile S/G/T SUNAPI (HTTP API)
<b>Web Viewer</b>	Supported OS: Windows 7, 8.1, 10, Mac OS X 10.12, 10.13, 10.14 Recommended Browser: Google Chrome Supported Browser: MS Explorer 11, MS Edge, Mozilla Firefox (Window 64bit only), Apple Safari(Mac OS X only)
<b>Memory</b>	512MB RAM, 256MB Flash
<b>Environmental</b>	
<b>Operating Temperature / Humidity</b>	-10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH
<b>Storage Temperature / Humidity</b>	-30°C ~ +55°C (-22°F ~ +131°F) / Less than 90% RH
<b>Electrical</b>	
<b>Input Voltage</b>	PoE (IEEE802.3af, Class2)
<b>Power Consumption</b>	Maximum 6.4W, Typical 5.0W
<b>Mechanical</b>	
<b>Color / Material</b>	White / Plastic
<b>RAL Code</b>	RAL9003
<b>Product dimensions / weight</b>	Ø110x86mm (Ø4.33x3.39"), 270g
<b>Gangbox compatibility</b>	Double gangbox, direct mount
<b>DORI</b>	
<b>Detect</b>	25.1m (82.28ft)
<b>Observe</b>	10.0m (32.91ft)
<b>Recognize</b>	5.0m (16.46ft)
<b>Identify</b>	2.5m (8.23ft)

- The latest product information / specification can be found at [hanwhasecurity.com](http://hanwhasecurity.com)
- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of **Hanwha Techwin**, formerly known as Samsung Techwin.



No.	MODEL NAME	DATE
1	QND-6010R/6020R/6030R QND-7010R/7020R/7030R	19.10.22
2	LND-6010R/6020R/6030R LND-6011R/6021R/6031R	19.10.22
3	QND-6012R/6022R/6032R	19.10.22
4	LND-6012R/6022R/6032R	19.10.22

Unit : mm [ inch ]    SCALE : 1/1    © Hanwha Technwin