



Network

Dome

# LVN-6020R

2M H.264 IR Dome 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, IK10 support

※ Available in select regions

## Compatible Accessories (Optional)



SBP-122HMW



SBP-137WMW1



SBV-120GW



SBP-300MMW



SBV-120WCW



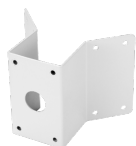
SPB-VAW12



SBP-300MMW1



SBP-300CMW



SBP-300KMW



SBP-300PMW



SBP-300BW



SBP-300NBW



SBP-300LMW

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## Specifications

### Video

Imaging Device	1/2.9" 2MP CMOS
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
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

### Pan / Tilt / Rotate

Pan / Tilt / Rotate Range	0°~350° / 0°~67° / 0°~355°
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### Operational

Camera Title	Displayed up to 15 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, WDR, SSSR
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
IR Viewable Length	30m(98.43ft)

### Network

Ethernet	RJ-45(10/100BASE-T)
Video Compression	H.264: Main/Baseline/High, MJPEG
Smart Codec	WiseStream II
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
<b>Security</b>	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP)
<b>Application Programming Interface</b>	ONVIF Profile S/G SUNAPI(HTTP API)

## General

<b>Web Viewer</b>	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)
<b>Edge Storage</b>	Micro SD/SDHC 1slot 32GB
<b>Memory</b>	256MB RAM, 256MB Flash

## Environmental & Electrical

<b>Operating Temperature / Humidity</b>	-30°C ~ +55°C(-22°F ~ +131°F) / Less than 90% RH * Start up should be done at above -20°C(-4°F)
<b>Storage Temperature / Humidity</b>	-30°C ~ +60°C(-22°F ~ +131°F) / Less than 90% RH
<b>Certification</b>	IP66, IK10
<b>Input Voltage</b>	PoE(IEEE802.3af, Class3)
<b>Power Consumption</b>	PoE: Max 6.50W

## Mechanical

<b>Color / Material</b>	White / Aluminum
<b>RAL Code</b>	RAL9003
<b>Product Dimensions / Weight</b>	Ø120.3x91.7mm(Ø4.74x3.61"), 395g(0.87 lb)

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CAD

Unit: mm [inch]

LVN-6010R/6020R/6030R

UNIT : mm[inch]

