

Model 3

Available Models:

■ Standard Definition Models
3-SD

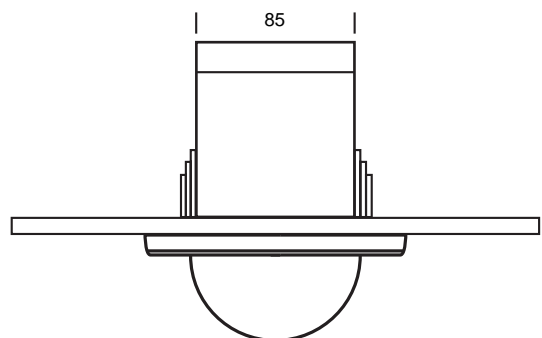
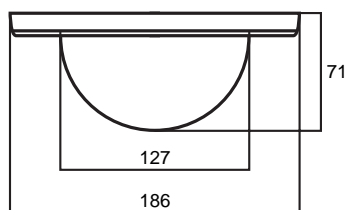
■ High Definition Models
3-HD



Indoor

mm

Dimensions
are in
millimeters



Model 3



Description

The Model 3 offers compact wall or ceiling mounted fixed indoor cameras. Both the standard and high definition cores produce a clear and highly detailed image. Advanced 2D/3D digital noise reduction helps reduce the amount of low luminance noise as well as the signal to noise (S/N) ratio, resulting in a dramatically improved horizontal resolution and a clearer and sharper image display even in dark conditions. Network digital video streaming over IP and advanced H.264/M-JPEG dual stream image compression make it possible to integrate the Model 3 cameras into any existing TCP/IP network. The Model 3 is offered in a protective dome housing, and can be customized with exterior and/or dome glass colors.

Suggested Applications

- Commercial Real Estate
- Educational and Research Facilities
- Home Surveillance
- Hypermarkets
- Manufacturing and Storage Facilities
- Retail and Show Room Security

Highlighted Features



Standard & High Definition



Day & Night Function



Frame Rate

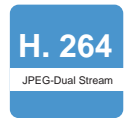
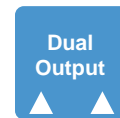


Image Format



Wide Dynamic Range



Dual Output



PoE Connection



Two-way Audio



WiFi Connectivity

Housing and Mounts



Indoor



In-Vehicle Mount



Ceiling Mount

Materials and Finish



Aluminum



Housing Color



Glass Color

Certifications



ONVIF



CE Certified



FCC Certified

Model 3



3-SD

3-HD

Lens

Image sensor	1/3" SONY 138+FH8520	1/3" progressive scan CMOS
Resolution	1200TVL	1920 (H) x 1080 (V)
Minimum illumination	0.1 lux / f1.2	color mode: 0.1 lux at f1.2 AGC on ; B/W mode: 0.005 lux at f1.2 AGC on
S/N ratio	>46dB	more than 50dB (AGC off)
Electronic shutter	1/50 s~1/100,000 s for PAL, 1/60~1/100000 s for NTSC	auto 1/25 s ~ 1/100,000 s, slow shutter: 1/2, 1/4, 1/8, 1/12
Image enhancement	AGC / BLC / HPLC / ATR / WB / 2D / 3D NR	AGC / BLC / WDR 180X / WB
Day & Night	auto / external trigger / color / black and white	auto ICR
Lens	optional	2.8 ~ 12mm manual zoom

Video

Compression	H.264 / M-JPEG dual stream	H.264 / M-JPEG dual stream
Bit rate	16k to 1Mbps controllable	32k to 16Mbps controllable
Frame rate	1 ~ 25 full D1 704x576 at PAL, 1 ~ 30 full D1 704x480 at NTSC	(1 ~ 25) 1920 (H) x 1080 (V) at PAL / (1 ~ 30) 1920 (H) x 1080 (V) at NTSC
Video output	1.0 Vp-p 75 ohms	one channel composite video output

Audio

Audio input	one channel MIC in or line input unbalanced 1.4 Vp-p	one channel MIC in or line input unbalanced 1.4 Vp-p
Audio output	one channel, RCA interface, linear output	one channel, RCA interface, linear output
Audio compression	G.726, G.711, ADPCM	G.726, G.711, ADPCM

Alarm System Integration

Alarm input	one channel on/off input NO/NC	one channel on/off input NO/NC
Alarm output	one channel on/off output 120 VAC 1A / 24 VDC 1A	one channel on/off output 120 VAC 1A / 24 VDC 1A
Serial port	RS485 transparent protocol	RS485 transparent protocol
Recording	motion trigger, alarm trigger, manual or schedule	motion trigger, alarm trigger, manual or schedule

Network and Storage

Ethernet port	10/100M Base-t self-adapting Ethernet port	10/100M Base-t self-adapting Ethernet port
Protocol	TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, FTP, NTP, PPPOE, SMTP, UPNP	TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, FTP, NTP, PPPOE, SMTP, UPNP
Web browser	Internet Explorer 9.0 or above	Internet Explorer 9.0 or above
Wireless protocols	802.11b/g supports WEP, WPA, WPA2 (optional)	802.11b/g supports WEP, WPA, WPA2 (optional)

Operating Conditions

Operating temp.	-10° C ~ +60° C	-10° C ~ +60° C
Storage temp.	-20° C ~ +80° C	-20° C ~ +80° C
Operating humidity	10% ~ 85%	10% ~ 85%

Weight and Dimensions

Input voltage	12 VDC	12 VDC
Power consumption	4W	6W
Dimensions (cm)	Ø 186 x 71 (R x H)	Ø 186 x 71 (R x H)
Weight	0.6 Kg	0.6 Kg
Colors	white, black, silver, blue	white, black, silver, blue
Glass color	transperant, smoked	transperant, smoked