

SNF-7010/7010V

3Megapixel Fisheye Camera



SNF-7010

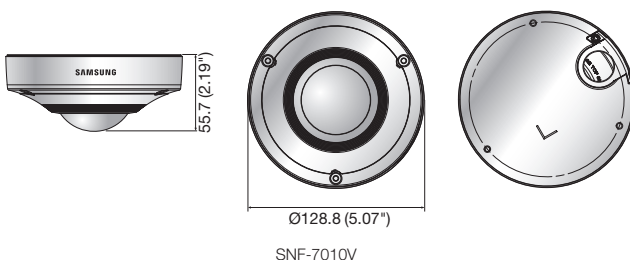
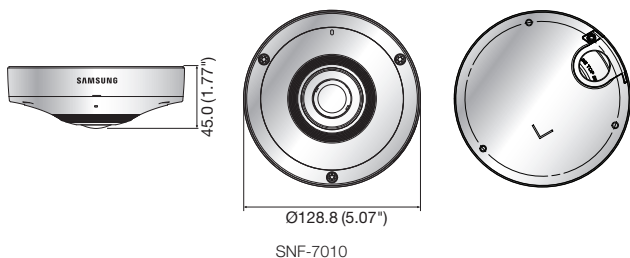
SNF-7010V

Key Features

- Max. 3M (2048 x 1536) resolution
- Various viewing composition
- H.264, MJPEG dual codec, Multiple streaming
- Digital PTZ, Bi-directional audio support
- WDR (120dB), SD/SDHC/SDXC memory slot
- IP66, IK10 and EN50155 certifications (SNF-7010V)

Dimensions

Unit : mm (inch)



Accessories (Optional)



SBP-300TM

SBP-300HM4

		SNF-7010	SNF-7010V
VIDEO			
Imaging Device		1/2.8" 3M PS CMOS	
Total Pixel		3megapixel	
Scanning System		Progressive	
Min. Illumination		1.3Lux	
LENS			
Focal length		1.05mm fixed	
Max. Aperture ratio		F2.8	
Angular Field of View		H : 170° / V : 180° / D : 178°	
Min. Object Distance		0.3m	
Lens Type		Fixed focal	
Mount Type		Board-in type	
Lens Angle Adjustment		Rotation : 0°~ 355°	
OPERATIONAL			
Camera Title		Off / On (Displayed up to 45 characters)	
Day & Night		Auto (Electrical) / Color / B/W	
Backlight Compensation		Off / BLC	
Wide Dynamic Range		120dB	
Contrast Enhancement		SSDR (Samsung Super Dynamic Range) (Off / On)	
Digital Noise Reduction		SSNRIII (2D+3D noise filter) (Off / On)	
Defog		Off / On	
Motion Detection		Off / On (4ea 4points polygonal zones)	
Privacy Masking		Off / On (32 zones with 4 points of polygonal)	
Gain Control		Off / Low / Middle / High	
White Balance		ATW / AWC / Manual / Indoor / Outdoor	
Electronic Shutter Speed		Min / Max / Flicker off / 50Hz / 60Hz / (1s~ 1/12,000s)	
Intelligent Video Analytics		Audio detection, Tampering	
Alarm Triggers		Motion detection, Tampering, Audio detection, Network disconnection	
NETWORK			
Ethernet		RJ-45 (10/100BASE-T)	
Video Compression Format		H.264, MJPEG	
Max. Framerate (Raw)		3M 20fps	
Dewarping	Client	Smart Viewer	
Viewing Composition		Camera : 360° fisheye / Client : single panorama, Double panorama, Quad, User selectable region, Single rectangle, 1 original, 3 rectangle, 1 panorama + 2 rectangle	
Digital PTZ		Digital PTZ	
Video Quality Adjustment		H.264 : Compression level, Target bitrate level control, MJPEG : Quality level control	
Bitrate Control Method		H.264 : CBR or VBR, MJPEG : VBR	
Streaming Capability		Multiple streaming (Up to 6 profiles)	
Audio I/O		Built-in microphone, mic in/out	External mic
Audio Compression Format		G.711 u-law, G.726 (16Kbps, 24Kbps, 32Kbps, 40Kbps)	
Audio Communication		Bi-directional	
IP		IPv4, IPv6	
Protocol		TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP,RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, 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	
Encryption		TLS 1.0, SSL VPN, Video data encryption	
Streaming Method		Unicast / Multicast	
Max. User Access		15 users at unicast mode	
Memory Slot		Micro SD/SDHC/SDXC memory slot	
Webpage Language		English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatian, Hungarian, Greek, Finnish, Norwegian	
Web Viewer		Supported OS : Windows XP / VISTA / 7, MAC OS X 10.7 or higher (32bit and 64bit OS) Supported Browser : Internet Explorer 7.0 or higher, Firefox 9.0 or higher, Chrome 15.0 or higher, Safari 5.1 or Higher, 64bit OS (32bit Web Browser)	
Central Management Software		Smart Viewer	
ENVIRONMENTAL			
Operating Temperature / Humidity		-10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH	-25°C ~ +55°C (-13°F ~ +131°F) / Less than 90% RH
Ingress Protection		N/A	IP66
Vandal Resistance		N/A	IK10
Railway Certificate		N/A	EN50155
ELECTRICAL			
Input Voltage / Current		PoE (IEEE802.3af class3), 12V DC	
Power Consumption		Max. 7.4W	
MECHANICAL			
Demensions (W x H)		Ø128.8 x 45.0mm (Ø5.07" x 1.77")	Ø128.8 x 55.7mm (Ø5.07" x 2.19")
Color / Material		Ivory / Aluminum (PC)	Ivory / Aluminum
Weight		480g (1.06 lb)	550g (1.21 lb)

* The latest product information / specification can be found at www.samsungsecurity.com