SAMSUNG TECHWIN

iPOLiS
Your smart security solution

The Complete 360

The SNF-7010/7010V features our most advanced technology with 3 megapixel high-definition 360-degree images. This camera's fisheye lens creates an omnidirectional surveillance device and allows multiple viewing modes. Defined motion detection zones can create events for capture to the on-board SDXC storage or transmission to central monitoring software.

SNF-7010/7010V

360 Degree Fisheye Camera

- 360° fisheye, Single panorama, Double panorama, Quad, User selectable region, Single rectangle, 1 original, 3 megapixels, 1080p 20fps
- Digital PTZ, Bi-directional audio
- SDXC support
- IP66, IK10 and EN50155 certifications (SNF-7010V)

FIRST EDITION 09-2013

360 Degree Fisheye Camera

SNF-7010/7010V

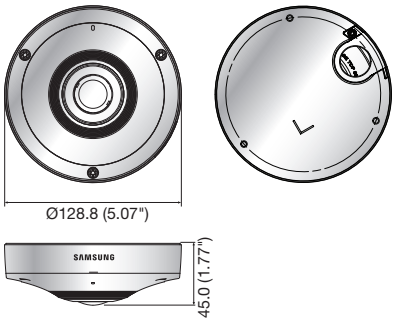
3M | Full HD 1080p | E-D&N | WDR | PoE

SNF-7010

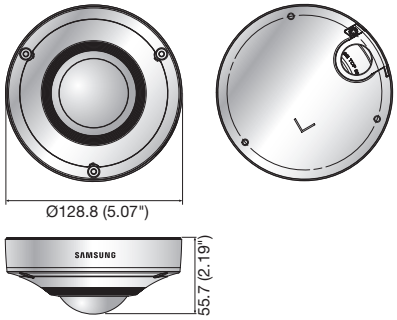
SNF-7010V

Dimensions

Unit : mm (inch)



SNF-7010



SNF-7010V

eco RoHS compliant

The Eco mark represents Samsung Techwin's will to create environment-friendly products,and indicates that the product satisfies the EU RoHS Directive.

Specifications

ONVIF

	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	
Max. Aperture ratio	F2.8	
Angular Field of View	H : 180° / V : 170° / D : 180°	
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 I/O	Input 1ea / Output 1ea	
Alarm Triggers	Motion 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	
Audio Compression Format	G.711 u-law, G.726 (16Kbps, 24Kbps, 32Kbps, 40Kbps)	
Audio Communication	Bi-directional	
IP	IPv4, IPv6	
Protocol	TTCP/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	SD/SDHC/SDXC memory slot	
Webpage Language	English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Denish, 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	PoE : -10°C ~ +55°C (-34°F ~ +140°F) / ~ 90% RH	
Ingress Protection	N/A	1P66 grade
Vandal Resistance	N/A	IK10
Railway Certificate	N/A	EN50155
ELECTRICAL		
Input Voltage / Current	PoE (IEEE802.3af, Class1)	
Power Consumption	Max. 6.5W	
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)	610g (1.34 lb)

Design and specifications are subject to change without notice.

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Communication & Security Solutions

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