

## Ernitec SX 602FZ

Full HD Autofocus Camera



Ernitec SX 602FZ camera have 18x optical zoom with immediately autofocus, that provide perfect focus video streams in HD megapixel resolution along with H.264 and MJPEG compression in real time.

The advanced CMOS progressive scan sensor technology provides outstanding images in both normal and difficult lighting conditions by automatically adjusting white balance to ensure accurate color reproduction.

Recording and transmitting these crystal clear images in Full HD format is made possible through the use of highly efficient H.264 compression, which can result in bandwidth and storage savings of as much as 80 percent compared to M-JPEG and 50 percent compared to MPEG-4 (Part 2) compressions.

The Ernitec SX 602FZ can encode dual H.264 and M-JPEG streams simultaneously in real time to address different live or recording applications.

Power over Ethernet and build in autofocus lens simplifies the installation of the Ernitec SX series cameras, while setup and programming are quickly accomplished using a browser interface. Remote health checks and software upgrades also ensure easy maintenance, as well as the highest reliability and system integrity.

The OnVif compliant APIs provide the necessary flexibility to ensure compatibility with most OnVif supported VMS platforms

- > Resolution up to 1080p
- > 18x optical zoom
- > Autofocus
- > mechanical DN IR-cut
- > Edge storage
- > H.264 Main and High profil
- > Power over Ethernet (IEEE 802.3af)
- > 4 year Warranty

# Technical Specification – Ernitec SX602FZ

## Camera

Camera type	Box day/ night (ICR Type)
Effective Pixels	1920 (H) x 1080 (V)
Image Sensor	1/2.7" Progressiv CMOS
Electronic Shutter Speed	1~1/10.000 sec.
Min. Illumination	0.2 Lux (Color), 0.02 Lux (B/W) F1.6, 30IRE
Day/night switching	mechanical IR-cut

## Lens

Lens type	18x Optical Zoom
Focal Length	4.7 ~ 84.6 mm
F. number	F1.6 (wide), F2.8 (tele)
Iris	Auto iris with autofocus

## Video

Video Compression	H.264/MJPEG
Video stream	Dual / 1080p@25fps H.264 + D1@25fps H.264/MJPEG
Resolution	Full HD1080p/ SXGA/ HD720p XGA/SVGA/ D1/ VGA/ CIF

Brightness	Manual
Exposure	Auto / Manual
Sharpness	Manual
Contrast	Manual
White Balance	Manual / AWB/ ATW
Saturation	Manual
Hue	Manual
Digital Zoom	Yes
WDR	On/Off
3D Noise	On/Off
Privacy Zone	On/Off
Motion detection	On/Off
Tampering Alarm	On/Off

## Network

Network Interface	Ethernet (RJ45) 10/100Mbps
Supported protocol	IPv4/v6, TCP/IP, UDP, RTP, STPS, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, Upnp, IGMP, SNMP, QoS

Internet Browser	Internet Explorer (6.0+) Chrome, Firefox, Safari
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Password Levels	User / Administrator
User Account	20
Event Notification	HTTP, FTP, SMTP

## General

Onvif	yes, www.onvif.org
Edge Storage	SD/ SDHC card slot (card is not included)

Audio	Two-way /G.711 /G.726
Audio input / output	Stereo phone jack, ø3.5mm
Digital In/out	1 /1 (4 pins terminal block)
Analog Video Output	1Vpp, 75Ω, PAL BNC connector class 2

Power Voltage	12VDC / 24VAC/ POE (IEEE802.af)
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Power Consumption	Max. 4.2W
Power Connector	3 pins terminal block / RJ45

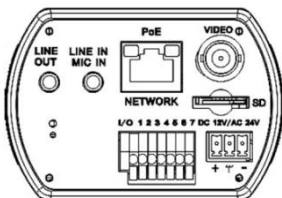
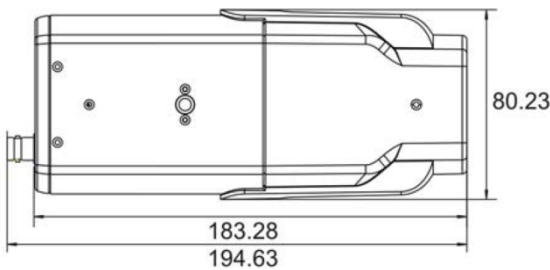
Languages	English, French, German, Italian
Operating	-10°C ~ +50°C / 10% ~ 90% RH

Temperature/Humidity	
Dimensions	194.6(L) x 80.2(W) x 52,4(H)mm

Weight (Net)	Approx. 450g
Warranty	4 years

Included accessories	Installation and Management software DVD
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Part number	0070-04602FZ
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## Optional accessories

1ch video management software	0063-99999
Outdoor camera housing CHM-250	0022-06040
AppView for smart phones and tablet	free download