ernitec

Ernitec Mercury DX-312

Ultra wide dynamic full HD IP dome

> 60fps@1080p resolution

> Motorized Lens

> 3-9mm P-iris

> Built-in IR illuminator

> Ultra Wide dynamic range

> Mechanical IR-cut

> Power over Ethernet (POE)

> 4 year Warranty

The Mercury DX-312 incorporates Sony's new Exmor™ CMOS image sensor that is specially designed for security applications and includes state-of-the-art image enhancement technologies and with remote lens adjustment for Easy installation.
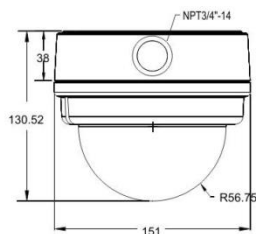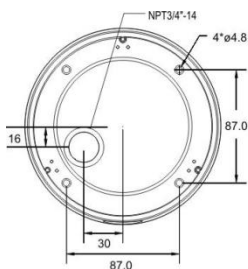
Remote zoom and focus feature enables convenient focusing over the network together with the special P-Iris lens, eliminating the need for hands-on fine tuning.

The remote adjustment functionality ensures that the camera's angle of view is optimized for the area to be monitored so the depth of field, resolution, image contrast and clarity. Good depth of field implies that objects at different distances from the camera are in focus simultaneously.

Ultra-WDR is ideal for surveillance in areas with strong variations in light, for instance close to large windows and entrances, where the sunlight creates both very bright zones and dark shadows.

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

Technical Specification – Ernitec Mercury DX-312

Camera	
Camera type	Dome day / night (ICR Type)
Effective Pixels	1920(H) x 1080(V)
Image Sensor	1/2.8" Sony Progressive CMOS
Electronic Shutter Speed	1~1/10.000 sec.
Min. Illumination	1.0 Lux (Color), 0.01 Lux (B/W), F1.2, 30IRE
Day/night switching	Mechanical IR-cut

Lens	
Lens type	Autofocus
Focal Length	3 ~ 9 mm
F. number	F1.2 (wide), F2.1(tele)
Iris	P- iris
FOV	135.6º (Wide); 45.5º (Tele)

Video	
Video Compression	H.264/MJPEG
Video stream	Dual Streams: PAL: H.264 1080P(50 fps) + H.264/MJPEG D1(50 fps)NTSC: H.264 1080P(60 fps) + H.264 D1 (30 fps) H.264 1080P(60 fps) + MJPEG VGA (30 fps) Quad Streams: H.264 1080P(25/30 fps) + H.264 720P(25/30 fps) + H.264 720P(25/30 fps) + H.264/MJPEG CIF(25/30 fps)
Resolution	Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF / QCIF@50/60fps or 25/30fps (2 shutter WDR)
Brightness	Manual
Exposure	Auto / Manual
Sharpness	Manual
Contrast	Manual
White Balance	Manual / AWB/ ATW
Saturation	Manual
Hue	Manual
Digial Zoom	Yes
Ultra WDR	Yes, over 120 dB
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
Password Levels	User / Administrator
User Account	20
Event Notification	HTTP, FTP, SMTP

General	
Onvif	Profile S, see more information on www.onvif.org
Edge Storage	SD/ SDHC card slot (card is not included)
Audio	Two-way /G.711 /G.726
Audio input / output	4 pins terminal block
Digital In/out	1 /1 (terminal block)
Analog Video Output	1Vpp, 75Ω, PAL BNC connector class 2
Power Voltage	12VDC / 24VAC/ POE/POE+ (IEEE802.3af / IEEE802.at)
Power Consumption	Max. 19,1W
Power Connector	3 pins terminal block / RJ45
Fan & Heater	Yes, 16.1W Only 12VDC, 24VAC
Built-in IR illuminator	Up to 15 meters 24, 850nm LEDs
Environmental Casing	IP66
Languages	English, French, German, Italian
Operating Temperature/Humidity	-10℃ ~ +50℃ (POE) -40℃ ~ +50℃ (POE+) 10% ~ 90% RH
Dimensions	Ø151 x 130,52 mm
Weight (Net)	Approx. 800g
Warranty	4 years
Included accessories	Installation and Managment software DVD
Part number	0070-05312

Optional accessories	
1ch video managment software	0063-99999
AppView for smart phones and tablet	free download

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