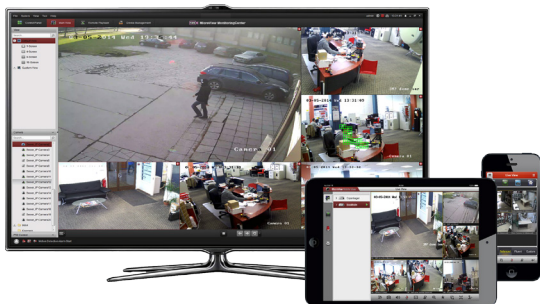# MicroView
by ernitec

MVID-03IR-E

Main Features

- Up to 2 Megapixel High Resolution
- Full HD 1080p video
- 1/2.7" Progressive scan CMOS
- Dual Stream
- 2.7- 12mm Varifocal lens
- Motorized lens
- Digital Wide Dynamic Range
- 3D Digital Noise Reduction
- DC12V & PoE
- Support H.264+
- IP67 Weather-Proof Protection
- IK10 Impact Protection
- Up to 30m IR range
- Built-in Micro SD/SDHC/SDXC card slot
- 3-axis adjustment

Compatible with the MicroView Client MonitoringCenter

The client software MicroView By Ernited Moni-toringCenter is a centralized video management software using a distributed structure for surveil-lance device control and management. Moni-toringCenter is designed to provide access and management to the connected multiple devices, including DVR, NVR, DVS, network camera and decoder. Using the client, you can easily live view the channels, record and store files, remotely configure the device parameters, control PTZ, get alarm information and respond, and display video on the TV wall.

2MP Dome Varifocal IP Camera WDR 1080p Full HD Outdoor

All new 2 Megapixel IP varifocal network Dome camera at a great price. The MVID-03IR-E camera is a 2 Megapixel varifocal network camera deliv-ering crisp and sharp images! The MVID-03IR-E can see in total darkness up to 30 metres using its built-in infrared lights. Just plug the camera into our NVR using a standard CAT 5 computer network cable and this will power the camera and bring the picture back to the recorder making it so simple to install with no separate power supply needed.And of course fully compatible with most VMS providers, it has an OnVif driver and is easy to install with the IP-Tool from MicroView.

MicroView by **ernitec**

Product Specifications

Camera

Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	0.01Lux @ (F1.2, AGC ON), 0 Lux with IR
Shutter speed	1/3 s to 1/100,000 s
Lens	2.7- 12mm @ F2.0, horizontal field of view: 113° to 33.8°
Lens Mount	Φ14
Day & Night	IR cut filter with auto switch
DNR	3D DNR
Wide Dynamic Range	Digital WDR
3-Axis Adjustment	Pan: 0° to 355°, Tilt: 0° to 75°, Rotation: 0° to 355°

Compression Standard

Video Compression	H.264 / MJPEG
H.264 Type	Baseline Profile / Main Profile
Video Bit Rate	32 Kbps ~ 8 Mbps
Dual streams	Yes
Audio Compression(-S)	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate(-S)	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps (G.726) /32-128Kbps(MP2L2)
Dual Stream	Support

Image

Max. Resolution	1920 × 1080
Frame Rate	50Hz: 25fps (1920 × 1080,1280 × 960,1280 × 720) 60Hz: 30fps (1920 × 1080,1280 × 960,1280 × 720)
Sub Stream	50 Hz: 25 fps (320 x 240), 25 fps (352 x 288), 25 fps (640 x 480), 25fps(704 x 576) 60 Hz: 30 fps (320 x 240), 30 fps (352 x 288), 30 fps (640 x 480), 30fps(704 x 576
Image Setting	Saturation, Brightness, Contrast, etc., adjustable by client software or web browser
Backlight compensation	Yes, zone optional
ROI Codec	Support one customized region for each stream

Network

Storage	Support Micro SD/SDHC/SDXC card (up to 128 GB) local storage and NAS (NFS,SMB/CIFS)
Detection	Intrusion detection, Line crossing detection, Motion detection, Dynamic analysis
Alarm Trigger	Video Tempering Detection, Network Disconnected, IP Address Conflicted, HDD Full, HDD Error
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
General Function	Anti-Flicker, Mirror, Password Protection, Privacy Mask, Watermark, Heartbeat
Standard	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI

Interface

Communication Interface	1 RJ45 10M/100M Ethernet port
On-board Storage	Built-in Micro SD/SDHC/SDXC slot, up to 128GB

General

Operating Conditions	-30 °C ~ 60 °C (-22 °F – 140 °F), Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 25%, PoE (802.3af)
Power Consumption	Max. 5.5W
IR Range	Uptil 30 Meters
Impact Protection	IK10
Ingress Protection level	IP67
Dimensions	Φ141 × 99.9 mm (5.55" × 3.94")
Weight	800g (1.76 lbs)
Part Number	MVID-03IR-E

Dimensions

Unit: mm