

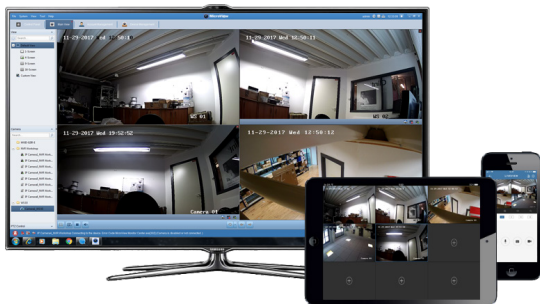
## MVIC-04IR-E



### Main Features

- 4 Megapixel High Resolution
- 2688 × 1520@20fps
- 1/2.8" Progressive Scan CMOS
- Two Video streams
- 2.8- Fixed lens
- 3D Digital Noise Reduction
- DC12V & PoE
- Supports PIR
- Supports two-way audio
- Up to 10 meters IR Range
- Built-in WiFi
- Built-in Micro SD/SDHC/SDXC card slot (Max 128Gb)
- 120dB WDR

### MicroView Client Monitoring Centre



MicroView By Ernitec Monitoring Centre is a centralized video management software using a distributed structure for surveillance device control and management. Monitoring Centre is designed to provide access and management to the connected multiple devices, including NVRs, and IP network cameras. Using the client, you can easily live view the channels, record and store files, remotely configure the device parameters, get alarm information and respond, and display video on CCTV monitoring wall.

### 4MP Cube IP Camera, WDR, Full HD, Indoor Camera

The MVIB-04IR-E can see in total darkness up to 10 metres using its built-in infrared lights, it offers full HD resolution and 120dB wide dynamic range, it supports PIR (Passive Infrared Detection), 3D DNR, PoE, The camera supports WiFi and has Built-in microphone and speaker to support 2 way Audio. It supports Intrusion Detection, Line Crossing Detection, Motion Detection, Dynamic Analysis. It also have Face Detection it will be able to detect a face that appears in the surveillance scene and triggers linkage methods such as alarm info and email info.

Just plug the camera into our NVR using a standard CAT 6 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.



**Camera**

Image Sensor	1/2.8" 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	2.8 mm, horizontal field of view 105.8°
Lens Mount	M12
Day & Night	IR cut filter with auto switch
DNR	3D DNR
Wide Dynamic Range	120dB

**Compression Standard**

Video Compression	H.264/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)

**Image**

Max. Resolution	2688 × 1520
Main Stream (Frame Rate)	50Hz: 20fps (2688 × 1520), 25fps (1920 × 1080, 1280×720) 60Hz: 20fps (2688 × 1520), 30fps (1920 × 1080, 1280×720)
Sub Stream	50Hz: 20fps (640 × 360, 352 × 288) 60Hz: 15fps (640 × 360, 352 × 240)
Image Setting	Supports rotate mode, brightness, saturation, sharpness, contrast are adjustable via web browser and client software
Day/Night Switch	Support auto, scheduled, and triggered by alarm input
Others	Mirror, Wide Dynamic Range (WDR), (Backlight Compensation)BLC, (Region of Interest) ROI

**Network**

Storage	Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
Detection	Intrusion detection, Line crossing detection, Motion detection, Dynamic analysis
Face Detection	Detects the face appears in the surveillance scene and triggers linkage methods such as alarm info and email info
Alarm Trigger	Tampering Alarm, HDD Full, HDD Error, Network Disconnected, IP Address Conflicted, Illegal Login

**Network**

Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6
General Function	One-key reset, Anti-flicker, Dual Streams, Heartbeat, Password Protection, Privacy Mask, Watermark, IP Address Filtering
Standard	ONVIF (PROFILE S, PROFILE G), ISAPI

**Interface**

Communication Interface	1 RJ45 10M/100M Ethernet port
On-board Storage	Built-in Micro SD/SDHC/SDXC slot, up to 128GB
Audio Interface	1 build-in Mic, 1 build-in speaker
Alarm	1 alarm input, 1 alarm output
Reset Button	Yes

**WiFi**

Wireless Standards	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20/40MHz Support
Protocols	802.11b: CCK, QPSK, BPSK, 802.11g/n: OFDM
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transmit Output Power	11b: 17±1.5dBm @ 11Mbps 11g: 14±1.5dBm @ 54Mbps 11n: 12.5±1.5dBm
Reception Sensitivity	11b:-90dBm @ 11Mbps (Typical) 11g:-75dBm @ 54Mbps (Typical) 11n:-74dBm (Typical)
Transfer Rates	11b: 11Mbps, 11g: 54Mbps, 11n: up to 150Mbps
Wireless Range	50 meters (The performance varies based on actual environment)

**General**

Operating Conditions	-10 °C – 40°C (14 °F – 104 °F), Humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, PoE (802.3af)
Power Consumption	Max. 5 W
PIR	Angle: 90°, Range: 8m
IR Range	Approx. 10 meters
Dimensions	2.8mm: 72.3 × 91.9 × 131.3mm (2.85" × 3.62" × 5.17")
Weight	Approx. 400g (0.88lbs)
Part Number	MVIC-04IR-E

**Dimensions**

