MicroView
by ernitec

MVIB-04IR-E

Main Features

- 4 Megapixel High Resolution
- 2560 × 1440@30fps
- 1/3" Progressive Scan CMOS
- Three streams
- Constant BNC Output
- 2.8- 12mm Varifocal lens
- 3D Digital Noise Reduction
- DC12V & PoE
- Support H.265+, H.265, H.264+, H.264
- IP67 Weather-Proof Protection
- IK10 Vandal-Proof Protection
- Motorized Lens
- IR up to 50M Distance
- 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 Bullet Varifocal IP Camera WDR, Full HD Outdoor

The MVIB-04IR-E camera is a 4 Megapixel varifocal network camera.The MVIB-04IR-E can see in total darkness up to 50 metres using its built-in infrared lights, it offers full HD resolution and 120dB wide dynamic range, Auto-iris, EIS, 3D DNR, PoE, Defog and 2 behaviour VCA features, and face detection to meet a wide variety of applications.

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.

MicroView by ernitec — Product Specifications

Camera

Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
Shutter speed	1/3 s to 1/100,000 s (Slow Shutter)
Lens	2.8- 12mm, F1.6, Auto-Focus, Horizontal FOV: 98° to 28° Vertical FOV: 51° to 16° Diagonal FOV: 115° to 32°
Lens Mount	Φ14
Day & Night	IR cut filter with auto switch
DNR	3D DNR
Wide Dynamic Range	120dB
3-Axis Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°

Compression Standard

Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
H.264 Type	Main Profile/High Profile
H.264+	Main stream and sub-stream support
H.265 Type	Main Profile
H.265+	Main stream and sub-stream support
Video Bit Rate	32 Kbps ~ 8 Mbps
Audio Compression(-S)	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate(-S)	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps (G.726)/32-192Kbps(MP2L2)

Image

Max. Resolution	2560 × 1440
Main Stream	50Hz:25fps (2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2560 × 1440, 2304 × 1296, 1920 × 1080)
Sub Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser
Image Enhancement	BLC/3D DNR
Target Cropping	NO
Day/Night Switch	Auto/Schedule/Triggered by alarm in

Network

Storage	Support Micro SD/SDHC/SDXC card (128Gb), local storage and NAS (NFS,SMB/CIFS), ANR
Detection	Intrusion detection, Line crossing detection, Motion detection, Dynamic analysis
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
General Function	One-key reset, anti-flicker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Standard	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+

Interface

Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-board Storage	Built-in Micro SD/SDHC/SDXC slot, up to 128GB
Audio	1 input (line in/mic.in, 3.5 mm), 1 output (line out, 3.5 mm), mono sound
Alarm	1 input, 1 output (up to 12 VDC, 30 mA), terminal block
Video Output	1Vp-p Composite Output(75Ω/BNC) Constant..
SVC	H.264 and H.265 encoding
Reset Button	Yes

General

Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, terminal block PoE (802.3at, class 4)
Power Consumption	Max. 7.5 W
IR Range	Uptil 50 Meters, Wavelenght 850nm
Ingress Protection level	IP67, IK10, TVS 2000V Lightning Protection, Surge Protection and Voltage Transient Protection
Dimensions	Φ 144.13 × 332.73 mm (Φ 5.7" × 13.1")
Weight	Approx. 1740 g (3.8 lb.)
Part Number	MVIB-04IR-E

Dimensions

4-Ø4.2(Ø0.17") 258.6（10.2"） 62.6(2.5") 62.6(2.5") 132.9(5.2") 239.3(9.4″) Ø105(Ø4.1") 95(3.7")

Unit: mm