WatchNET®
Security Since 2000
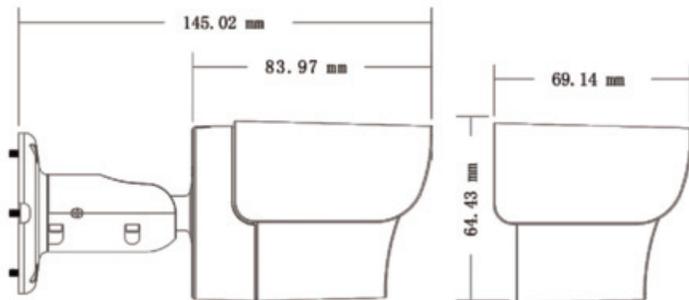
MPIX Camera

HD Bullet IR Network Camera

MPIX 13 BIR - MPIX 21 BIR

IP MEGAPIXEL

MPIX

RoHS LEAD FREE

CE FC

PoE — Power over Ethernet

H.264 — Video Compression

Day and Night

IP68 — Ingress Protection

Infra Red

1.3/2.1Mp CMOS HD Network Water-proof IR Mini Network Camera

1/3" 1.3Mp / 2.1Mp CMOS HD Mini Network Camera

❖ 1/3" 1.3 / 2.1 Megapixel Aptina CMOS image sensor
❖ Full HD 1080P (Model Specific)
❖ IP68 all-environments protection, 4000V Lightning Protection, constant temperature automatic control & anti-fog
❖ Max. IR Distance: 20m
❖ High-performance TI DaVinci series DSP
❖ H.264 & MJPEG video compression & JPEG image capture
❖ Dual encoding streams supported
❖ True Day/Night ICR
❖ Support DC12V power supply, PoE
❖ Built-in Web server, NetFLOW, Watch*NET* VMS
❖ Support Multicast

Model MPIX 13-BIR:
Max 30fps@720P(1280×720)
15fps@1.3M(1280×960) resolution
Lens: 3.6mm

Model MPIX 21-BIR: ← Full HD 1080p
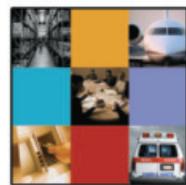Max 30fps@1080P resolution
Lens: 3.6mm
Special order: (6mm)

145.02 mm
83.97 mm
69.14 mm
64.43 mm

BRACK-BB-35-C   BRACK-WM-35-C   BRACK-PM-35-C

FREE

Professional 64 CH NetFLOW LT
FREE Software included

iPhone

ONVIF
PROFILE S

www.watchnetinc.com

Model	MPIX - 13 BIR	MPIX - 21 BIR
General		
Processor	TI DaVinci Series DSP	
Operating System	Embedded LINUX	
Resource	Simultaneous remote monitoring, local recording and remote control	
User Interface	Built-in Web server, NetFLOW, Watch*NET* E compatible	
Camera		
Image Sensor	1/3" 1.3 / 2.1 Megapixel Aptina CMOS image sensor	
Effective Pixels	1280(H) × 960(V)	
Electronic Shutter	PAL Auto/Manual, 1/3~1/10000s NTSC Auto/Manual, 1/4~1/10000s	
Mini. Illumination	0.1LUX/F1.2(Color), 0.05LUX/F1.2(B/W) 0LUX(IR On)	
Signal Noise Ratio	>50dB	
Gain Control	Auto/Manual	
White Balance	Auto/Manual	
Day/Night	ICR	
Lens Mount	M12	
Lens	Fixed 3.6mm	Fixed 3.6mm (6mm optional) *Special order: (2.8mm, 8mm, 12mm)*
Video		
Video Compression	H.264/MJPEG	
Image Resolution	1.3M(1280×960) / 720P(1280×720) / D1(704×576/704×480)	2.1M1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480)
Encoding Speed	Max 30fps@720P(1280×720) 15fps@1.3M(1280×960) resolution	Max 30fps@1080P resolution
Bit Rate	128K ~ 8192Kbps	
Snapshot	Fastest 1fps JPEG capture	
Video Format	PAL / NTSC	
Network		
Ethernet	RJ-45 (10/100Base-T)	
Network Functions	HTTP, TCP/IP, IPv4/IPv6, ARP, IGMP, ICMP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, UPNP, NTP, Bonjour, SNMP, Onvif, Support Multicast	
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information, Maintenance & Upgrade	
Environmental		
Max. IR Distance	20m	
Ingress Protection	IP68, 4000V Lightning Protection	
Power Supply	DC12V, PoE	
Power Consumption	Max.4W	
Operating Temp./ Humidity	-35°C ~ +50°C / -31°F ~ +122°F, 10% ~ 90%	
Dimension	64.43mm x 145.02mm / 2.53" x 5.71"	