



# Migma AutoCam™

## remote surveillance camera with cellular router



5X Motorized Lens PTZ Camera



Most remote surveillance cameras often don't have access to AC power which is either not available or costly to access. To utilize solar as a power source, the camera system must be low in power consumption, including camera, router and cellular modem. Migma AutoCam™ is designed as a low power surveillance video system, suitable for solar power. Using a cellular modem integrated with MigmaRouter™, it helps view live streaming videos using smart phones without relying on any dedicated cloud. One can remotely adjust the camera's pan & tilt using phone.

## Specification

### Camera

△ Image Sensor	1/2.8" progressive scan CMOS
△ Shutter Speed	1/25s to 1/100,000s
△ Minimum Illumination	Color: 0.05 lux, BW: 0 lux with IR (F1.2, AGC ON)
△ Dynamic Range	Digital wide dynamic range (WDR)
△ Noise Reduction	3D digital noise reduction (DNR)
△ Night Vision	IR cut filter with auto switch
△ IR Range	Up to 115 ft
△ Motion Detection	Yes with email notification
△ Privacy Zone	Yes (up to 4 zones)

### Lens

△ Zoom Ratio	5X Optical
△ Focal Length	2.7mm - 13.5mm
△ Auto Zoom	Yes
△ Remote Zoom	Yes (motorized zoom)

### Image

△ Max Image Resolution	1920×1080 (2MB)
△ Frame Rate	20fps (50Hz or 60Hz)
△ Sub Stream	50Hz: 25fps (640×360, 352×288) 60Hz: 30fps (640×360, 352×288)
△ Third Stream	50Hz: 25fps (640×360, 352×288) 60Hz: 30fps (640×360, 352×288)
△ Image Enhancement	BLC/3D DNR/D-WDR
△ Image Settings	Adjustable rotate mode, saturation, brightness, contrast, sharpness
△ Other Features	Anti-flicker, heartbeat, mirror, password, privacy mask, watermark

### Video Compression

△ Compression	H.265/MJPEG
△ Bit Rate	32Kbps ~ 12Mbps (CBR/VBR)
△ Triple Streams	Yes

### Pan/Tilt

△ Panning Range	0° ~ 355°
△ Panning Speed	45°/s
△ Tilting Range	0° ~ 90°
△ Tilting Speed	25°/s
△ Remote Control	Yes (web browser or smart phone)

### Network

△ Protocol Support	HTTP, TCP/IP, IPv4, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS
△ Remote Control	Web browser (IE, Firefox, Safari and Chrome); Smart Phone (iOS and Android)
△ Cellular Modem	Yes with MigmaRouter™

### Operating Environment

△ Temperature	14°F ~ 140°F (-10°C ~ 60°C)
△ Humidity	10% ~ 90%
△ Weather Proof	IP66

### Power (AC or Solar)

△ Voltage	110VAC or 12VDC
△ Solar Panel	25W
△ Battery	20aH

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