

# EM-WDTRN-38364 XM

Wireless WIFI Indoor Two Way Audio Pan / Tilt 360° Robot Camera



- 3.0 Mega Pixel 1920\*1080p Full High Definition Video Support.
- Remote viewing through the free App on your smart Phone.
- The alert will be pushed to your phone if any motion is detected.
- Amazing night vision, automatically switch between B/W & color mode even in the night
- Remote controlling 360° Pan/Tilt Camera, enjoy the panoramic viewing no blind angle.
- Built-in Speaker and Microphone Two Way Audio, talk back with people near the cameras.
- Self-owned intelligent detection algorithm to effectively reduce false positives.
- Storage: Cloud Storage/TF Card( Max 128GB)
- Power supply: DC5V

## Functions

### Wireless Technologies

Cameras with wireless technology also come with a control system and remote feed. Wi-Fi security cameras work just like any other normal Wi-Fi connected device at your home. Camera contains to the internet through the unique service set identifier of your router. Once connected with your local WLAN, the camera then streams videos through an easily accessible cloud-based server.

Also P2P connection, you can use your mobile phone to access the camera app. Your security camera then recognizes the unique ID of your phone, thereby enabling a local network connection between the two devices.

### Smart Dual Light

The Smart Dual Illuminators technology adopts smart algorithm to accurately detect objects. The IR illuminator is normally on at night. When the object is detected by the camera, the warm light turns on and the camera records the full-color video and information of key events. When the objects is out of the monitored area, the warm light turns off and the IR illuminator turns back on, which helps reduce light pollution in the area.

### Two-Way Audio

Combine true cloud video surveillance with 2-Way Audio communication system to improve situational awareness, security, and operations. Two-way audio function enables the voice talk between the Mobile Client and devices. You can get and play not only the live video but also the real-time audio from the devices, and the devices can also get and play the real-time audio from the Mobile Client.

### App Remote Control

Cameras can be controlled remotely from anywhere in the world via a smartphone app Vertical 90 and Horizontal 350. The benefits of having a pan-tilt-zoom camera in a security application are obvious. Having a camera which can be controlled from a remote location enables a user to cover a much larger area with a single camera. This provides cost savings for any security system as one camera can do the job of many static cameras. the camera can automatically cover a large area when used for security monitoring or recording.

### Storage

Cloud Storage: wireless cameras security camera's come with cloud storage. Users can store videos in the Cloud with the help of a strong internet connection. The wireless connectivity using 4G and 5G can help keep the footage without electricity.

SD Card Storage: wireless cameras security camera's with in-built storage memory option. The storage is quite limited, so an SD card becomes necessary. You can save the particular footage on your SD card. Along with video servers, they prove helpful as a backup system.

### Motion Detection Alert

Security camera systems can automatically notify the user when motion is detected. To provide intelligent motion detection alerts, the first step is to enable motion detection. Camera detects motion and sends a push notification to the app. The user then plays back the video that the recorded at the time of the alert using the app.

## Technical Specification

### Camera

Image Sensor	1/3" CMOS
Max. Resolution	1920 (H) × 1080 (V)
Pixel	2 MP
Scanning System	Progressive
Min. Illumination	0.006 lux@F1.6 (Color, 30 IRE)
	0.0006 lux@F1.6 (B/W, 30 IRE)
	0 lux (Illuminator on)
S/N Ratio	>56 dB
Illumination Distance	up to 30 m (98.43 ft) (IR)
	up to 30 m (98.43 ft) (Warm light)
Illuminator On/Off Control	Auto; Manual
Illuminator Number	4 (IR light) 4 (Warm light)
Pan/Tilt Angle	Tilt 71°, Pan 355°

### Lens

Lens Type	Fixed-LENS
Focal Length	3.6 mm
Max. Aperture	F1.6
Angle of View	D: 101.6° / H: 85.5° / V: 46°
Close Focus Distance	3.6 mm: 1.6 m (5.25 ft)

### Network

Network Port	No
Antenna gain	2~3db
Antennas	Built-in PCB antenna
Protocol	TCP/IP
Wireless standard	IEEE 802.11b/g/n
Wireless Frequency	2.4~2.4835GHz
Wireless Security	WEP, WPA
Wireless standard	IEEE 802.11b/g/n
User/Host	6 (Total bandwidth: 36 M)
Storage	SD Card (Upto 128GB)
Management Software	xmeye
Mobile Client	iOS; Android

### Audio

Audio	Two Way Audio
Audio Input	Built-in Mic
Audio Output	Speaker
Audio Compression	G.711a; G.711Mu; PCM; G.726
Audio Compression algorithm	u-law algorithm
Audio Compression Rate	57% (uLaw)

### Video

Video Compression	H.265
Video Frame Rate	20 fps
Stream Capability	Dual Stream
Resolution	1080p (1920 × 1080);
View Mode	HD &SD
Day/Night	Auto(ICR)/Color
Recording Method	Event Recording/ Continuous Recording
Mirror	Supported
Flip	Supported

### Intelligence

Motion Detection	Supported
Configurable Region	Supported
Motion Tracking	Supported
Notification Method	Mobile push
Human body Detection	Supported

### Other

Reset Button	Supported
Working temperature	10°C ~ 50°C
Power Source	5V/1A
Power Consumption	5W
Body Material	ABS+PC
Dimension	77mm x 77mm x 107mm
Weight (Net weight)	195g