

MAXURE

MX UC20/ MX UC30

DATASHEET



OVERVIEW

Intelligent Tracking. Crystal-Clear 4K. Professional Performance.

Experience seamless collaboration and professional-quality video with the **MAXURE MX UC20 / MX UC30 4K AI Auto-Tracking PTZ Camera**. Designed for modern conference rooms, executive boardrooms, educational institutions, training centers, and professional broadcasting environments, it combines advanced AI-powered tracking with exceptional imaging performance to deliver an immersive communication experience.

Powered by a **1/2.8" 8.5MP CMOS image sensor**, the camera captures stunning **4K Ultra HD** video with remarkable clarity, vibrant colors, and true-to-life detail. Intelligent **AI Auto-Tracking** automatically follows presenters in real time, while precision **Pan-Tilt-Zoom (PTZ)** movement and powerful **20X or 30X optical zoom** ensure every participant remains perfectly framed without manual camera control.

An integrated **4-element far-field digital microphone array** captures voices clearly from up to **10 meters**, providing natural, high-quality audio for medium to large meeting spaces, classrooms, auditoriums, and collaboration environments. Whether you're hosting executive meetings, conducting hybrid training sessions, delivering online lectures, or broadcasting live events, the MX UC20 / UC30 delivers outstanding video quality, intelligent automation, and enterprise-grade reliability.

SOLUTION

Highlights

			
AI Auto-Tracking Technology	20X & 30X Optical Zoom	Multiple Video Outputs	Ultra HD 4K Imaging
			
Professional Audio Pickup	Precision PTZ Performance	Enterprise Connectivity	Designed for Professional Spaces



MAXURE



For Any Complaints & Query
Feel Free to Call/E-mail Us:

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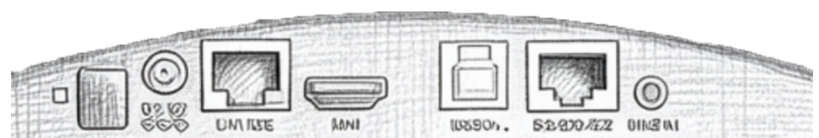
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MAXURE INDIA

SPECIFICATIONS

Brand	MAXURE
Product Name	4K AI Auto-Tracking PTZ Camera
Model	MX UC- 20 & MX UC- 30
Usage	Professional Conference, Education & Broadcast Applications
Image Sensor	1/2.8" CMOS
Effective Pixels	8.5 MP
Minimum Illumination	0.1 Lux
Signal System	PAL /NTSC
Optical Zoom	20X / 30X (Optional)
Focal Length (20X)	5.2 mm – 104 mm
Focal Length (30X)	6.0 mm – 180 mm
Horizontal Viewing Angle	72.5° – 6.57° (12X) / 58.7° – 3.2° (20X)
Shutter Speed	1/25 – 1/10000 s
Focus Mode	Auto / Manual
Exposure Control	Auto / Manual
Gain	Auto / Manual
White Balance	Auto / Indoor / Outdoor / Manual Full
Image Effects	Color / Black & White / Image Flip
Video Resolution	4K / 2K / 1080p / 720p
Frame Rate	Up to 30 fps
Video Compression	MJPEG / H.264
Video Output	USB 3.0 / HDMI / IP
Microphone Array	Built-In 4 Digital Microphones
Audio Sampling Rate	16 kHz / 48 kHz
Audio Sensitivity	-26 dBFS
Voice Pickup Distance	Up to 10 m
Pickup Angle Signal-to	180°
Noise Ratio Audio Mode	65.5 dB
Pan Range	Full Duplex
Tilt Range	340°
Pan Speed	-30° to +90°
Tilt Speed	Up to 60° / sec
Preset Positions	Up to 60° / sec
Control Interface	9 (Remote) / Up to 200 (PC)
Control Protocols	RS-232 / RS-422 / USB / IP
Power Supply	VISCA / VISCA over IP / PELCO P/D / ONVIF
Power Consumption	DC 12V / 2A
Operating Temperature	Up to 18W
Storage Temperature	0°C to +40°C
Operating Environment	-10°C to +60°C
Dimensions	Indoor
Weight	181 × 182 × 175 mm
Warranty	1 Year



Remote Control
Quick Start Guide

Compatible Applications

Supports mainstream VC software including ZOOM, Microsoft Teams, Google Meet, Google Hangouts, Cisco WebEx, RingCentral, etc.

