



SERIES

# MAXURE

## MX UC 10

### DATASHEET



## OVERVIEW

Designed for modern corporate boardrooms, executive meetings, professional broadcasting, and high-quality educational recordings, the MAXURE MX UC 10 Pan-Tilt-Zoom (PTZ) Camera delivers exceptional 4K Ultra HD video performance powered by an advanced 1/2.5-inch UHD CMOS sensor.

Equipped with a powerful 12x optical zoom lens and an advanced intelligent motion-tracking engine with real-time human movement detection, the MX UC 10 dynamically follows speakers with precision ensuring seamless framing and uninterrupted visual engagement during meetings and presentations.

The MAXURE MX UC 10 stands out as a premium 4K PTZ solution, making it an excellent choice for organizations seeking reliable performance, superior video clarity, and smart, responsive automation in their communication and collaboration environments MAXURE MX Series — where innovation meets collaboration.

## SOLUTION

### Highlights



Adaptive high-precision PTZ



12x optical zoom with extended 16x digital zoom



Simultaneous UHD video output via HDMI, USB, and LAN



Exceptional UHD video quality



Multiple remote control modes (RS232/RS485/ IP USB / IR remote)



Ultra-quiet and smooth PTZ movement for a distraction-free meeting



Superb low-light performance for life-like videos even in dimly lit meeting rooms



PoE support for video stream, network data and power over single ethernet cable



For Any Complaints & Query  
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MAXURE INDIA

# SPECIFICATIONS

Camera		Model- MX UC10
Video Format	4K@30fps, 4K@25fps, 4K@29.97fps, 1080P@60fps, 1080P@50fps, 1080P@60fps, 1080P@50fps, 1080P@30fps, 1080P@25fps, 1080P@59.94fps, 1080P@59.94fps, 1080P@29.97fps, 720P@60fps, 720P@59.94fps, 720P@50fps	
Sensor	1/2.5 inch, CMOS, Max Effective Pixel: 8.51M	
Optical Zoom:	12x (f - 4.4mm 52.8mm, F1.8 F2.6)	
Digital Zoom:	16x	
Minimum Illumination	0.5 Lux @ (F1.8, AGC ON)	
White Balance	Auto, Indoor, Outdoor, One Push, Manual	
Backlight Compensation	Supported	
Digital Noise Reduction	2D & 3D Digital Noise Reduction	
Horizontal Angle of View	71°	
Vertical Rotation Range	42.7°	
Diagonal Angle of View	82.8°	
Horizontal Rotation Range	+ - 170°	
Vertical Rotation Range	+ - 130°	
Pan Speed Range	1.6° /s ~ 76° /s	
Tilt Speed Range	0.5	
Number of Preset	255	
Preset Accuracy	H.264 AVC: max to 2160P@30fps H.264 SVC: max to 2160P@30fps MJPEG: max to 2160P@30fps	
<b>Network Features</b>		
Video Compression	H.264 / H.265 / MJPEG	
Video Stream	First Stream, Second Stream	
Primary Stream Resolution	3840x2160, 1920x1080, 1280x720, 1024x576	
Sub Stream Resolution	720x480, 720x408, 640x480, 640x360, 480x320, 320x240	
Audio Compression	AAC/G 74 4 A	
Video Bit Rate	48Kbps, 64Kbps, 96Kbps, 128Kbps	
Bit Rate Control	Variable Rate, Fixed Rate	
Frame Rate: 50 Hz	4K encoding supports a maximum of 30 frames; 1080P encoding supports a maximum of 50 frames. 60 Hz: 4K supports a maximum of 30 frames, 1080P supports a maximum of 60 frames.	
Audio Bit Rate	96 Kbps, 128 Kbps	
Audio Compression	G711A	
Supported Protocols	TCP/IP, HTTP, RTSP, RTMP, ONVIF, DHCP, Multicast, etc.	
<b>USB Features</b>		
Operating System	Windows 7/8/4 0/4 4 , Mac OS X, Linux, Android	
Encoding Format	H.264 / MJPEG	
Video Format	H.264 up to 24 60p@30pfs , MJPEG up to 24 60p@30pfs	
USB Audio	Supported	
USB Video Communication Protocol	UVC 1.1~1.5	
UVC PTZ: Supported		
<b>Power</b>		
Simultaneous power input	Power jack DC 12 V/ USB DC 5 V/ PoE (802.3af)	
Current Consumption	12 V 1.0 A (Max) / 5 V 1.5 A (Max)	
Power Consumption	12 W (Max)	
<b>Environmental Conditions</b>		
Operation Temperature	-10~40°C	
Storage Temperature	40~60°C	
<b>Control</b>		
Control	IR Remote Control	
	Serial Control (RS232 / RS485): VISCA / Pelco-D/ Pelco-P	
	Networked Control (IP): VISCA over IP / ONVIF	
	UVC PTZ Control	
	Web interface control: Web browser access / HTTP CGI	
<b>Physical Specifications</b>		
Camera Dimension L x H x D	238x162x149mm (9.37x6.52x5.87 inch)	
Net Weight	1.35 Kg	
Package Dimension L x H x D:	285x235x230mm (11.22x9.25x9.06 inch)	
Gross Weight	3.10 Kg	
<b>Input/output Port</b>		
Network Interface	1xRJ45: 10/100/1000M Adaptive Ethernet Port	
HDMI Interface	1x HDMI: Version 1.4	
3G SDI Interface	1x3G-SDI:BNC Type	
3.5 mm Jack	Line in	
USB Interface 1x USB 2.0 (Type-B)	Up to 4K@30fps compressed video and 1080P original video can be output	
Control Interface	1 x RS232 IN, Protocol: VISCA/Pelco-D/Pelco-P 1 x RS232 OUT, Protocol: VISCA 1 x RS485, Protocol: VISCA / Pelco-D / Pelco-P	
Power Jack	JEITA type DC IN 12V	
<b>Package Contents</b>		
MX UC 10 Camera	Camera 1Year Warranty	
Lens Cover	Accessories 1 Year	
USB 3.0 Cables (2m)	Wall Mount Bracket	
Power Adaptor	Mounting Screw Set	
	Remote Control	
	Quick Start Guide	
<b>Compatible Applications</b>		
Supports mainstream VC software including ZOOM , Microsoft Teams , Google Meet, Google Hangouts, Cisco WebEx , RingCentral, etc		



Interface Diagram

