



# MEET+ 12/20

## Full HD Video Conferencing Camera

Meet+ 12/20 is ideally used for video conferencing in small and medium-sized meeting rooms. It is equipped with Panasonic 1/2.8" sensor and high quality 12X/20X optical lens, to output crisp images with realistic color, even in low light or high contrast of brightness and darkness environment.

USB and HDMI can output different resolutions respectively at the same time, both can be up to 1080p60.

Power via USB-C port.

It works with any of your favorite conferencing software, totally plug and play, and user-friendly.

**12X/20X | 1080P60**  
**USB&HDMI | POWER VIA USB-C**



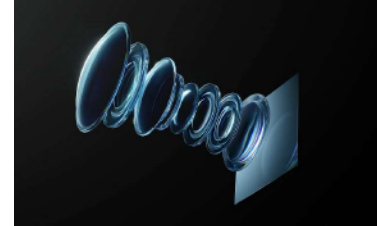
## 1080p60 FHD output

Equipped with advanced image processing, cutting-edge algorithms, a Panasonic 1/2.8-inch sensor, and a high-quality lens, it outputs crystal clear images up to 1080p60 FHD resolution.



## 12X/20X optical zoom

Featured with a high-quality 12X/20X optical zoom lens, which is able to capture the participants at a distance of 10 meters, allowing the participants to occupy 1/3 of the screen in the display very clear and lively.



## USB and HDMI output

With USB-C and HDMI video ports, which can output the same or different resolutions respectively at the same time.



## Power via USB-C

Meet+ 12/20 can power via a USB-C port directly, with no need for the power supply adaptor, which makes deployment even more simple, a single cable enables power, video, and control.



## Smooth and silent PTZ movement

Thanks to the compact and sophisticated mechanism design, and accurate driven algorithms, Meet+ 12/20 can move very smoothly without noise at variable pan/tilt/zoom speed.



## Specifications

Camera	Meet+ 12	Meet+ 20
Part Number	TLC-300-HU2-12	TLC-300-HU2-20
Sensor	1/2.8 inch, 2.4MP CMOS Panasonic sensor	
Zoom	12X optical zoom + 12X digital zoom	20X optical zoom + 12X digital zoom
Lens	f=3.92~47.32mm, F1.8-2.8	f=4.9~98mm, F1.5-3.0
Horizontal View Angle	72.5°(Wide)~6.3°(Tele)	60°(Wide)~3.2°(Tele)
Vertical Viewing Angle	42.72°~3.66°	32.2°~1.8°
Diagonal Viewing Angle	78.58°~7.42°	61°~3.64°
Minimum Working Distance	Wide: 1m; Tele: 1.5m	Wide: 1m; Tele: 1.5m
S/N Ratio	≥50dB	

Video Format

HDMI:  
 1920\*1080P60/59.94/50/30/29.97/25/24;  
 1920\*1080I60/59.94/50;  
 1280\*720P60/59.94/50/30/29.97/25

USB2.0 Type-C:  
 MJPG:  
 1920\*1080P60;  
 1280\*960P60;  
 1280\*720P60;  
 1024\*768P60;  
 800\*600P60;  
 640\*480P30;  
 320\*240P60;  
 YUY2:  
 640\*480P30;  
 320\*240P30

## Image Parameters

Noise Reduction	2D&3D
Minimum lux	0.7 lux(50 IRE Max AGC, 1/30, F1.8)
White Balance	Auto/Manual/Indoor/Outdoor/C.T. /PUSH
Exposure	Auto/Manual/Shutter Priority/Iris Priority/Brightness Priority
Anti-Flicker	OFF, 50Hz, 60Hz
Image Flip	Supported
Mirroring	Supported
Focus	Auto/Manual
Iris	Auto/Manual
Electronic shutter	Auto/Manual
Gamma	Supported
WDR	Supported

## Pan/Tilt Movement

Preset	Remote controller: 10; Serial port: 128; Accuracy: 0.1
Pan Rotation Angle	-170°~+170°
Tilt Rotation Angle	-30°~+90°
Pan Rotation Speed	0.1°~120°/s
Tilt Rotation Speed	0.1°~80°/s

## General

Input Voltage	5V 1000mA(via USB Type-C)/DC: 12V 2A(via Power Adapter)
Power Consumption	DC: 12V 2A(Pmax=8W)
Operating Temperature	-10 C ~50 C
Operating Humidity	≤80%
Color	Silver
Dimension(LxWxH)	220mmx190mmx173mm
Net Weight	1.25kg(2.8LBS)
Accessory	Power adapter, Power cable, 3m USB Type-C cable, manual



Power Supply  
DC12V

Video Output  
HDMI USB2.0



Remote control port  
RS232/RS485