

# IP-CAM CM70

## PTZ IP camera



### Description

The IP-CAM CM70 camera is a complete solution with a cost-effective and straightforward installation.

The IP-CAM CM70 camera is a dynamic PTZ IP camera ideally suited for conference room settings. With Full HD 1080p output at 60 fps, the camera provides excellent images. Additionally, the 20x zoom, outstanding white balance and exposure mode, bring even the smallest details into focus, especially in darker conference rooms where lighting conditions may be inadequate.

With a wide viewing angle (horizontal -170° to +170°, tilting up to 90° and down to -30°) and fast response and smooth operation, the camera captures every move securely.

No need for additional power supplies and cables, due to Power over Ethernet (PoE). This results in a cost-effective and straightforward installation.

Finally, the IP-CAM CM70 has multiple interfaces, such as 3G-SDI, HDMI and Ethernet for simultaneous video output. Combined with Televic Conference's Plixus network, working with high-quality, lip-synced video becomes a joy.

### Features

- » Full HD 1080p signal output format with a high frame rate of 60 fps
- » High-speed pan/tilt function
- » Supports live broadcasting (MJPEG, H.265, H.264)
- » Support PoE (Power over Ethernet) using network cables supply power
- » Ethernet low latency
- » Ethernet, HDMI, and 3G-SDI synchronous image outputs
- » Audio input support AAC encoding with 16, 32, 44.1 and 48 KHz sampling frequency

## Specifications

Mechanical	
Weight	1.5 kg
Size packed	26 x 24 x 24 cm
Weight packed	2.4 kg
Electrical	
Input voltage	12 V
Power consumption	12 W
Power supply	12 VA
Power connector	EIAJ - Philmore 255 plug
Technical	
Sensor	1/3" CMOS, 2.12 mp, 16:9
Scanning mode	Progressive, interlaced (not over IP)
Main stream resolution	1920 x 1080 / 1280 x 720
Main stream max frame rate	60 fps
Main stream bitrate	64 ~ 40960 Kbps
Sub stream resolution	320 x 180 / 320 x 240 / 640 x 360 / 1280 x 720 / 1920 x 1080
Sub stream max frame rate	30 fps
Sub stream bitrate	Variable, fixed
Audio standard	AAC / mp3 / G.711A
Audio bitrate	32, 64, 96, 128
Audio sample rate	16, 32, 44.1, 48 Khz
Optical zoom	20x
Aperture	F1.8-F11
Focal length	4.4-88.8 mm
Panning angle	-170° ~ +170°
Tilting angle	-30° ~ +90°
Pan speed range	1.7 ~ 120%/s
Tilt speed range	1.7 ~ 70%/s
Number of presets	0.1
Video output (HD) Interface	3G-SDI, HDMI, Ethernet
USB output	USB 2.0 (max 1080p30)
Network interface	RJ45 100 Mbit
PoE	PoE 12 W (802.3af)
Serial communication	RS232 mini DIN-8, RS485 2pin Phoenix
IP control protocol	VISCA OVER IP, Onvif

Camera control protocol	VISCA / PELCO-P / PELCO-D
Video S/N ratio	> 55 dB
Video compression	MJPEG, H.264, H.265
Digital noise reduction	2D & 3D DNR
Horizontal viewing angle	55.2° ~
Vertical viewing angle	3.2° 42.1° ~
Minimum illumination	0.05 LUX
Gain control	Auto, manual
White balance	Auto, manual, OnePush, 2,400 K - 7,100K in steps of 100K
H&V image flip	Supported 255
Audio input	Balanced Line In via 5-way Phoenix connector
Audio output	Ethernet, SDI and HDMI
Environmental	
Operating temperature	-5C ~ +40°C 23°F ~ 104°F
Storage temperature	-20C ~ +60°C -4°F ~ 140°F
Operating humidity	20% ~ 95% non-condensing

## Connections

