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 20× 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

televic
conference

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 x180 / 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	20×
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