



Professional PTZ Camera

A12

Full HD PTZ Camera · 12× Optical Zoom · USB Plug and Play

**Full HD PTZ,
ready to plug in.**



1080P60

Full HD output

12×

Optical zoom

72.5°

Horizontal field
of view (wide end)

USB

Plug and play

A12 is a compact CAVE Full HD PTZ camera with 12× optical zoom. A USB 3.0 connection and UVC support make it ready for video conferencing on Windows, macOS and ChromeOS, while HDMI output and RS-232 control cover room systems.

1

Full HD 1080P60

A 1/2.8" CMOS sensor outputs up to 1080P at 60 fps, with backlight compensation and 2D & 3D digital noise reduction.

2

12× Optical Zoom

72.5° horizontal field of view at the wide end; zoom to 12× (f = 3.5–42.3 mm, F1.8–F2.8) with autofocus.

3

USB Plug and Play

USB 3.0 (Type-B) with UVC 1.0 and PTZ control works with Windows, macOS and Chromebook conferencing software.

4

HDMI Output

1 × HDMI (1.4) output to a display, plus 1 × Line In (3.5 mm) for audio.

5

Presets and Control

255 presets at 0.1° accuracy; control by VISCA / Pelco-D / Pelco-P over RS-232, UVC (USB) or the included remote control.

6

Compact Design

128.5 × 118 × 156.2 mm and 1.17 kg, easy to place on a table or install in a small room.



Specifications



Item Specification		
Camera	Video System	1080P@60/50/30/25fps, 720P@60/50fps
	Image Sensor	1/2.8" CMOS
	Lens	12× optical zoom, f = 3.5–42.3 mm, F1.8–F2.8; FOV: horizontal 72.5°–6.9°, vertical 44.8°–3.9°
	Shutter	1/30–1/10000 s
	S/N Ratio, Min. Illumination	≥ 55 dB; 0.5 Lux (F1.8, AGC ON)
	Image Processing	Autofocus; white balance (Auto, Indoor, Outdoor, One Push, Manual); backlight compensation; 2D & 3D digital noise reduction
	Pan / Tilt	Pan ±170°, 1.7°–75°/s; tilt ±30°, 0.5°–15°/s
	Presets	255, accuracy 0.1°
	Control Protocol	VISCA / Pelco-D / Pelco-P (RS-232), UVC (USB)
USB	Operating System	Windows® 7 (1080P or lower), Windows 8.1, Windows 10 or later; macOS™ 10.10 or later; Google™ Chromebook™ 29.0.1547.70 or later
	Color System / Compression	YUY2, MJPEG
	USB Video Protocol	UVC 1.0, PTZ control
Interface	Video Output	1 × HDMI (1.4)
	Audio	1 × Line In (3.5 mm)
	USB	1 × USB 3.0 (Type-B)
	Control	2 × RS-232 In/Out (8-pin mini-DIN)
	Power Jack	JEITA type (DC IN 12V)
General	Input Voltage	DC 12V
	Power Consumption	12 W (max)
	Temperature	Operating –10°C–40°C; storage –40°C–60°C
	Dimensions (W×D×H)	128.5 × 118 × 156.2 mm
	Weight	1.17 kg
	In the Box	Camera, power adapter, remote control, quick start guide, warranty card