

EasyIP 20 Camera

Professional Networked PTZ Camera

ORDERING INFORMATION

Black
999-30230-000 (Worldwide)

White
999-30230-000W (Worldwide)

OVERVIEW

The EasyIP 20 Camera brings professional AV quality performance to the EasyIP Ecosystem, an AV-over-IP solution for lecture capture, remote learning and videoconferencing in large meeting rooms, lecture halls, and houses of worship. It delivers 1080p/60 resolution feeds to EasyIP endpoints and connects to a 1 GB PoE+ switch – eliminating the need for costly USB extensions. A local HDMI output allows for easy IMAG (image magnification).

The system works on an IP-based infrastructure, sending video and control signals over the LAN using IP switching and configuration protocols. By offloading the extension and switching to a PoE switch, total cost of the system is reduced, providing a simple, more affordable alternative to traditional extension systems. The EasyIP solution eliminates the need for more expensive video switchers, controllers, extension systems and dedicated processing devices.

The EasyIP 20 Camera, sends 1080p/60 resolution feeds to the EasyIP Ecosystem for delivery to web-based streaming and conferencing solutions and connects to a 1 Gb PoE+ switch – eliminating the need for costly USB extensions.

IMPORTANT: This camera requires a PoE+ power source to operate (not included). Consider the EasyIP 20 Base Kit 999-30232-000 which includes the Luxul AMS-1208P-EasyIP Switch, EasyIP 20 Camera and EasyIP Decoder.

Designed with an 1/2.5-type Exmor R CMOS sensor, the EasyIP 20 camera delivers striking, high-definition video image quality. Cutting-edge image signal processing (ISP) results in better light-gathering capabilities, incredible contrast and sharp 1080p/60 video, even in dim lighting conditions.



Enhanced Wide Dynamic Range

The EasyIP 20 camera is equipped with enhanced wide dynamic range, which can help correct for environments with uneven lighting by making darker or over-bright areas in video more visible and detailed.

Remote Management

A web-based user interface gives the user camera control with a web browser from anywhere in the world over the IP network. Perfect for remote management, network operating centers and overall IT control.

Smooth Tri-Synchronous Motion

The EasyIP 20 camera is equipped with Vaddio's industry-leading Tri-Synchronous Motion technology allowing all three axes of the camera to move simultaneously for ultra-smooth, natural camera motion.

Flexible Video Outputs

Video outputs include simultaneous EasyIP (Network PoE+) and local HDMI video output.

FEATURES

- Back-illuminated 8.51 Megapixel, high definition 1/2.5 Type Exmor R CMOS Sensor delivers 1080p/60 video
- 20x Optical zoom horizontal field of view of 70.2°
- Simultaneous HDMI and EasyIP streaming outputs
- Smooth and precise pan and tilt movements at up to 120° per second
- Integration-ready Telnet control
- Pairs with an EasyIP Decoder or EasyIP Mixer, which provide video and audio connectivity and manage USB output for videoconferencing or recording
- Enterprise-class IT administrative capabilities with full web controls for remote management



TECHNICAL SPECIFICATIONS

Outputs/protocols	EasyIP Streaming and HDMI
Aspect ratio	HDMI: 16:9 (all resolutions) EasyIP Streaming: 16:9 (all resolutions)
Resolutions/frame rates	FHD: 1080p/60/59.94/50/29.97/25, 1080i/60/59.94/50 HD: 720p/60/59.94/50
Streaming resolutions/frame rates	EasyIP streaming up to 1080p/60
Image device	1/2.5 Type Exmor R CMOS Sensor
Pixels	8.51 million; (8.57M Total Megapixels)
Lens/Zoom	20x optical zoom, f=4.4mm wide end to 88.4mm tele end, F2 to F3.8
Horizontal FOV	70.2° wide end to 4.1° tele end
Pan angle speed	±160°, 0.35°/sec to 120°/sec
Tilt angle speed	+90, -30°, 0.35°/sec to 120°/sec
Min. working distance	229mm (wide), 800mm (tele)
Min. illumination	1.6 lux; 100+ lux recommended
Electronic Shutter Speed	1/1 to 1/10000 sec.
Backlight compensation	On/off
Aperture/detail	16 steps
Focusing system	Auto Focus / Manual Focus Mode / One-push Trigger Mode
Gain	Auto / Manual (0 to 33 dB)
White balance	Auto, ATW, Indoor, Outdoor, One-push, Manual
S/N ratio	More than 50 dB
Power	PoE+
Remote management	IR Remote, web interface, Telnet and VISCA/RS-232 command APIs
Enhanced Wide Dynamic Range	Yes
Spotlight Compensation Mode	Yes
Noise Reduction	Yes
Presets	16 + Custom Home
Invertible	Yes
Motors	Silent BLDC Direct Drive Motors
Warranty	2 years plus option for purchasing additional 3 years
Weight	4.85 lbs (2.2 kg)
Height	6.94" (17.63 cm)
Width	7.05" (17.91 cm)
Depth	6.75" (17.15 cm)
Operating/storage temperature	0°C to +40°C (32°F to 104°F)
Operating/storage humidity	20% to 80% RH, non-condensing

Specifications are subject to change without notice.

Listed part numbers include the following items:

- 1 EasyIP 20 Camera (in black or white)
- 1 Quick-Start Guide
- 1 Thin Profile Wall Mount (in coordinating black or white) with mounting hardware and installation manual
- 1 Vaddio IR Remote Commander



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