Panasonic
BUSINESS

AW-UE70W [White Model]
AW-UE70K [Black Model]

4K Integrated Camera
For Indoor Use
Scheduled for release in October 2015

Preliminary

4K PROFESSIONAL

4K Integrated Camera for Versatile Application

Introducing a new PTZ camera capable of production quality 4K and Full HD video output. The AW-UE70 delivers 4K(UHD: 3840 x 2160) resolution images at 29.97p/25p via HDMI, and is also capable of 4K IP streaming, and in-camera 4K recording. Equipped with variety of output includes 3G-SDI, HDMI, USB or IP, AW-UE70 is suitable for versatile application such as remote video production, live events or video conferencing.

The AW-UE70 also supports POE+, so the camera only needs one LAN cable for its power supply, control and video output with embedded audio. Presenting the new standard in versatile, high-quality remote video production with IP-Streaming plus many powerful features, AW-UE70 expands the capabilities of integrated camera for professional video system users.

4K Integrated Camera AW-UE70W/K

Excellent 4K image quality via HDMI, USB and IP

- 1/2.3-type MOS sensor
- 4K (UHD: 3840 x 2160) video via HDMI, USB and IP
- 4K / HD IP streaming
- Optical zoom 20x, iA zoom 22x (4K mode) / 30x (HD)
  Digital extender (1.4x, 2.0x, 4.0x, 6.0x, 8.0x)
- Supports HDMI (up to 4K/29.97, 25p) and
  3G-SDI (up to 1080/59.94, 60p)

A Single Cable Solution for Remote Video and Audio Capture

- Supports POE+ [*1] for lower installation costs
- 4K/HD IP Streaming
- Audio embedded
- IP control with image monitoring using PC, Mac and mobile terminals
- Up to 100 x AW-UE70 can be controlled via IP connection when using network hub [*2]

Powerful features

- Wide angle of view : Horizontal 65.1°
- Optical Image Stabilization (OIS) with gyro sensor
- Freeze During Preset function
- ND filter (Auto, Thru, 1/4, 1/16, 1/64) and Night Mode
- USB Video Class support
- Versatile terminals
  Output: 3G-SDI, HDMI, IP, USB (mini B)
  Input: Genlock, Audio (Mic/Line)
  Remote control: RS422, RS232C, IP
- microSD card recording function
- Color variations (white/black) that can be chosen for different applications or conditions
- Camera control from iPad when it is used with optional Control Assist Camera AW-HEA10. [*3]

* There are some limitation on the simultaneous video output or control. Details to be announced.
*1 Abbreviation of Power over Ethernet Plus.
*2 Firmware upgrade is required for controllers.
*3 An iPad is required (sold separately). The "PTZ Cntrl" app for iPad (free download from the App Store) is required.

Interface (Rear view)

Specifications <Tentative>

GENERAL	Power requirements	DC 12 V (Supplied AC adaptor)
		DC 42 to 57 V (PoE+ power supply)
	Current consumption	1.3 A (Supplied AC adaptor)
		0.5 A (PoE+ power supply)
	Mass	Approx. 1.5 kg (3.30 lb)
	Dimensions (W x H x D)	160 mm × 186 mm × 179 mm
		(6-5/16 inches x 7-41/128 inches x 7-3/64 inches)
		(excluding protrusions, direct ceiling mount bracket)
INPUT	Power	DC 12 V IN, PoE+ (IEEE802.3at standard)
	Audio Input	MIC/LINE *Embedded in SDI/HDMI/IP/USB
OUTPUT	Video Output	HDMI/SDI/USB
Interface	Remote Control	LAN/RS-232C/RS-422
FUNCTIONS AND PERFORMANCE	[Camera unit]	
	Imaging sensors	1/2.3 MOS
	Lens	Optical 20x, f 4.08-81.6mm/F1.8 to 3.6
	Horizontal resolution	H 1300 TV Lines (typ) (Wide, Center) (4K mode)
		H 1000 TV Lines (typ) (Wide, Center) (HD)
	Output format — SDI/HDMI	2160/29.97, 25p (HDMI only), 1080/59.94p, 50p, 59.94i, 50i, 1080/29.97p, 25p, 1080/29.97psF, 25psF, 720/59.94p, 50p
	Output format — USB (M-JPEG)	3840x2160, 1920x1080, 1280x720, 640x360 (59.94Hz)30p/15p/5p (50Hz)25p/12.5p/5p, *3840x2160 is 5p only
	[Pan-tilt head unit]	
	Panning range	±175°
	Tilting range	−30° to 90°
	[Network]	
	Image resolution — H.264	3840x2160, 1920x1080, 1280x720, 640x360, 320x180 (59.94Hz) 60p/30p/15p/5p (50Hz) 50p/25p/12.5p/5p *When 3840x2160, 60p/50p is not available
	Image resolution — M-JPEG	1920x1080, 1280x720, 640x360, 320x180 (59.94Hz) 30p/15p/5p (50Hz) 25p/12.5p/5p
	Supported protocol	IPv4: TCP/IP, UDP/IP, HTTP, DHCP, DNS
	Supported controller	AW-RP50, AW-RP120G, AK-HRP200G, AW-RM50G

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CERTIFIED JQA MANAGEMENT SYSTEM
ISO 9001
JQA-0443

ISO 14001 JACO UKAS MANAGEMENT SYSTEMS
EC98J2010   051

Factories of AVC Networks Company have received ISO14001:2004-the Environmental Management System certification. (Except for 3rd party's peripherals.)