# Panasonic

AW-UB50
AW-UB10

4K Multi Purpose Camera



## Flexible Options for Expressing Your Creativity

>>> High-sensitivity, large-format sensors realize exceptional detail for vibrant expression. The AW-UB50 boasts a 24.2M full-size MOS sensor and the AW-UB10 features a 10.3M 4/3-inch MOS sensor.

>>> Common IP control protocols enable seamless operation of multiple Panasonic PTZ cameras, and compatibility with various IP transmission standards makes it easy to build streaming or IP-based systems.

>>> A variety of system interfaces simplify integration with professional video equipment, and PoE+ compatibility allows convenient power supply via a LAN cable.

AW-UB10

AW-UB50

# Diverse Functions for Creative Video Production

## > High-sensitivity, Large-format Sensors

The AW-UB50 boasts a 24.2-megapixel full-size MOS sensor and the AW-UB10 features a 10.3-megapixel 4/3-inch MOS sensor, both realizing high-quality video with excellent color reproduction and resolution. The high-sensitivity, large-format sensors achieve a shallow depth of field for emotional expressiveness with beautifully blurred backgrounds. In addition, detailed expressions can be captured even in low-light environments thanks to wide dynamic range (AW-UB50: 14+ stops / AW-UB10: 13 stops).

Sensor in AW-UB50

## > Color Profile Compatible with AW-UE160

Both models offer a color profile that is highly compatible with the AW-UE160 4K integrated camera to ensure consistency, even in systems using different types of cameras.

## > NDI® HX2 Support *1,*2

Both models are compatible with the NDI® HX2 IP standard for sharing high-definition video data with networked equipment, making it easy to build IP-based systems incorporating other NDI®-compatible devices.

## > Various IP Streaming Protocols

Planned support for RTMPS and SRT*2 will make network-based video distribution easy, including for live streaming services.

## > Integration with Panasonic PTZ Camera Systems

Common IP control protocols ensure seamless integration with Panasonic PTZ cameras, allowing cameras and tallies to be controlled from a remote operation panel (ROP) *3, Remote Camera Controller*4 or live switcher. Also, the Media Production Suite*5 software platform enables the creation of multi-camera systems, including for PTZ cameras.

AW-UB50 — AW-UB10 — LAN — PoE+/PoE++ HUB — Media Production Suite
AW-UE160

## > Multiple I/O Terminals

The AW-UB50/10 is equipped with terminals including 3G-SDI OUT, TC IN/OUT, GENLOCK IN, HDMI Type A, LAN, USB Type-C, ϕ3.5 MIC, and headphone. LAN is PoE+ compliant for power supply, allowing video transmission, control and power supply over a single LAN cable to significantly simplify on-location wiring.

## > Functional Box-style Design for Excellent Expandability

The compact, lightweight box-style body facilitates installation in diverse locations. Handheld shooting using a gimbal is also possible.

## > Real-time Recognition AF

Highly accurate autofocus tracking of subjects is ensured with Real-time Recognition AF.

## • Terminal

Note: Example shows AW-UB50, but same for AW-UB10

Right side          Top          Rear

## • Featured Specifications

|  | AW-UB50 | AW-UB10 |
|---|---|---|
| Type | Interchangeable lens digital camera | |
| Lens mount | L-mount | Micro four-thirds mount |
| Recording media | SD Memory Card, SDHC Memory Card,* and SDXC Memory Card* for dual-slot recording *Slots 1 and 2 compatible with UHS-I/UHS-II UHS Speed Class 3 and UHS-II Video Speed Class 90 | |
| Image sensor | 35 mm full-size MOS sensor (35.6 mm x 23.8 mm) (Total approx. 25.30 megapixels, primary color filter) | Four-thirds MOS sensor (Total approx. 11.90 megapixels, primary color filter) |
| Effective pixels | Approx. 24.20 megapixels | Approx. 10.30 megapixels |
| Latitude | V-Log: 14+ stops | V-Log L: 13 stops |
| Video format | MP4: H.264/MPEG-4 AVC and H.265/HEVC MOV: H.264/MPEG-4 AVC and H.265/HEVC | |
| Photo style | PTZ camera (UE160), Standard, Vivid, Natural, Flat (UB50), Landscape, Portrait, Cinelike D2, Cinelike V2, Like709, V-LOG L (UB10), V-LOG (UB50), Hybrid Log Gamma (UB10), 2100-like (HLG) (UB50), My Photo Style 1-10 | |
| Timecode display | ON / OFF supported | |
| HDMI timecode output | ON / OFF supported | |
| SDI timecode output | ON / OFF supported | |
| GENLOCK input | ON / OFF | |
| Power supply | When using Lithium-ion battery pack: 7.28 V When using included AC adapter: 12 V/3 A When using PoE+ compatible hub: IEEE802.3at compliant | |
| Weight | Approx. 585 g (1.29 lb) (body only, without lens cap) | Approx. 545 g (1.20 lb) (body only, without lens cap) |
| Dimensions (W x H x D) | Approx. 93.0 mm x 93.0 mm x 78.8 mm (3-21/32 inches x 3-21/32 inches x 3-7/64 inches) | Approx. 93.0 mm x 93.0 mm x 78.0 mm (3-21/32 inches x 3-21/32 inches x 3-5/64 inches) |
| Supported protocols | RTP / RTSP | |
| Included accessories | SAE0011AM AC adaptor | |

## • Related Products

Lithium-ion Battery Packs
AG-VBR59, AG-VBR89 and AG-VBR118

## • Related Software

Media Production Suite
LUMIX Tether

*1: NDI® is a video connectivity technology and is registered as a trademark by Vizrt NDI AB in the United States and other countries. *2: Support for RTMPS, SRT and NDI® HX2 planned *3: Support for AK-HRP1010GJ and AK-HRP1015GJ ROP  *4: Support for AW-RP150GJ Remote Camera Controller planned *5: Compatible with EasyIP mode in the suite's Device View feature. Future firmware updates will add this feature to other devices.
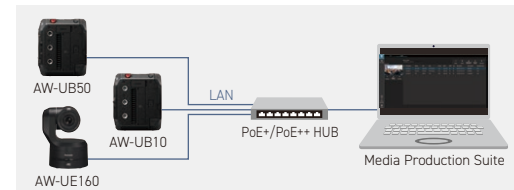
For more information, please visit Panasonic web site

SP-C-UB50/10ENU3