



4K POVCAM Camera Head

AG-UCK20

Compact 4K POVCAM camera head to facilitate ultra-flexible installations in places that would typically be out of reach.

Key Features

Scan Reverse mode: Image inversion for shooting with a ceiling-mounted Camera Head

Scene files: Auto and three manual setting files allow scene settings to be switched and saved



AG-UCK20

<https://eu.connect.panasonic.com/n/en/products/broadcast-proav/ag-uck20>

General

Power	DC 9 V (supplied from the AG-UMR20)
Power Consumption	0.6 A
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Operating Humidity	10 % to 80 % (no condensation)
Weight	Approx. 325 g (0.717 lbs)
Dimensions (W x H x D)	64 mm x 72 mm x 131 mm (excluding protrusion) (2-17/32 inches x 2-27/32 inches x 5-5/32 inches)

Camera

Pickup Devices	1/2.3-type MOS solid state image sensor (Total pixels: approx. 12.76 megapixels)
Lens	Zoom: optical 20x motorized zoom Fvalue: F1.8 to F3.6, Focal length: f- 4.08 mm to 81.6 mm 35 mm conversion: 29.5 mm to 612.0 mm (Hybrid O.I.S mode "OFF") Filter diameter: 49 mm, ND filter: CLEAR, 1/4, 1/16, 1/64 (built-in) Shortest shooting distance: 1.5 m (4.9 ft) at zoom range, 3 cm (0.1 ft) at wide angle IR cut filter : incorporates the ON/OFF control function

Zoom i. Zoom: x30 (HD), x22 (4K)

Digital zoom: x1.4, x2, x4, x6, x8

Image Stabilizer Optical image stabilizer (HD/4K)

5-Axis hybrid image stabilizer (HD)

Gain Setting Automatic, manual 0 dB to 30 dB(1 dB step),

Super Gain 33 dB, 36 dB

*At auto mode, 3 dB to 30 dB (3 dB steps) can be selected with AGC limit setting.

White Balance ATW, ATW LOCK, AWB A, AWB B, P3200K, P5600K,

VAR (2000 K to 15000 K)

Shutter Speed 59.94i/59.94p mode: 1/60 sec., 1/100 sec., 1/120 sec.,
1/180 sec., 1/250 sec., 1/350 sec., 1/500 sec., 1/750 sec.,
1/1000 sec., 1/1500 sec., 1/2000 sec., 1/3000 sec.,
1/4000 sec., 1/8000 sec.
29.97p mode: 1/30 sec., 1/50 sec., 1/60 sec., 1/100 sec.,
1/120 sec., 1/180 sec. to 1/8000 sec. (same as above)
23.98p mode: 1/24 sec., 1/48 sec., 1/50 sec., 1/60 sec.,
1/100 sec., 1/120 sec., 1/180 sec. to 1/8000 sec. (same as above)
50i/50p mode: 1/50 sec., 1/60 sec., 1/100 sec.,
1/125 sec., 1/180 sec. to 1/8000 sec. (same as above)
25.00p mode: 1/25 sec., 1/50 sec., 1/60 sec., 1/100 sec.,
1/125 sec., 1/180 sec. to 1/8000 sec. (same as above)

Slow Shutter 59.94i/59.94p mode: 1/2 sec., 1/4 sec., 1/8 sec., 1/15 sec., 1/30 sec.
29.97p mode: 1/2 sec., 1/4 sec., 1/8 sec., 1/15 sec.
23.98p mode: 1/2 sec., 1/3 sec., 1/6 sec., 1/12 sec.
50i/50p mode: 1/2 sec., 1/3 sec., 1/6 sec., 1/12 sec., 1/25 sec.,
25.00p mode: 1/2 sec., 1/3 sec., 1/6 sec., 1/12 sec.

Synchro Scan 59.94i/59.94p mode: 1/60.0 sec. to 1/285.6 sec.
29.97p mode: 1/30.0 sec. to 1/206.5 sec.
23.98p mode: 1/24.0 sec. to 1/280.1 sec.
50i/50p mode: 1/50.0 sec. to 1/209.2 sec.
25p mode: 1/25.0 sec. to 1/224.3 sec.

Minimum Illumination 0.2 lx (slow shutter: 1/2 sec., gain: +36 dB)

Horizontal Resolution (Typ, Center) 1,300 TV (HDMI output 2160/29.97p, when 25.00p playback)

1,000 TV (HDMI output 1080/59.94p, when 50.00p playback)

Input/Output	
Audio In	Built-in microphone (2 CH stereo)
Connector	20 pin dedicated interface (to the AG-UMR20)
