



4K Multi Purpose Camera with B4 mount for Various Applications

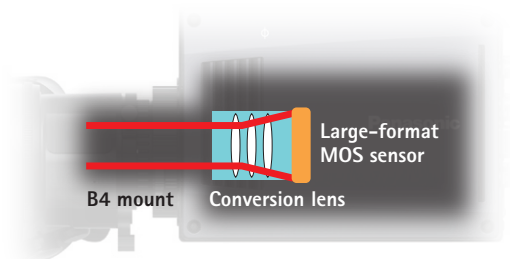
The AK-UB300 provides the excellent compact camerawork and 4K image quality you need for sports and other live events. It also can achieve 4K image in excellent choice for aerial shooting from a helicopter etc.

To maximize flexibility and handle a wide range of needs, the AK-UB300 has a digital haze clear function to watch traffic of road or harbor. It provides 4K output (3G x 4) and HD-SDI output simultaneously, various focus assist functions and HD cut-out picture.

In addition, HD-IP streaming and IP control enable system integration with AW series remote panels.

New-generation 4K video

Applying built in conversion lens, 2/3-type lens can be used with this 4K large-format camera without an adapter and achieves excellent image quality. The new imaging system makes maximum use of incident light to achieve a wide dynamic range.



* Images are simulated.

Supported Formats

[UHD]: 3840 x 2160/59.94p, 3840 x 2160/29.97p, 3840 x 2160/23.98p, 3840 x 2160/50p, 3840 x 2160/25p

[HD]: 1080/59.94p, 1080/59.94i, 1080/29.97PsF, 1080/23.98PsF, 1080/23.98p (over 59.94i), 1080/50p, 1080/50i, 1080/25PsF, 720/59.94p, 720/50p

4K Multi Purpose Camera AK-UB300

Intelligent Automatic Adjust Functions

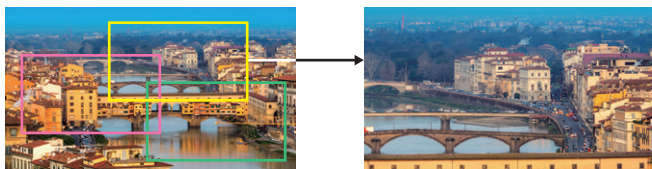
Auto tracing white balance function

Automatically adjusts the white balance in even outdoor environments where the color temperature changes every second.

Automatic gain control

It not only has automatic iris control, but it also comes with a reduced shock, contiguous automatic variable gain control with a range of -6 dB to +36 dB. Moreover, the AGC allows you to choose between the normal mode, favor movement, favor clarity.

HD Cut-out Picture



Out of three cropped memories, one image can be cut-out.

Digital Haze Clear



Three levels of haze removal can be applied.

* Images are simulated.

Specifications

Power Supply	DC 12V (DC 11 V ~ 17 V)
Operating Temperature	-10°C to 45°C (14°F to 113°F) (Preheating required at temperatures below 0°C)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Weight	Approx. 1.6 kg (3.52 lb)
Dimensions (W x H x D)	110 mm x 141 mm x 160 mm (4-11/32 inches x 5-9/16 inches x 6-5/16 inches) (excluding protrusions)
Image Sensor	11 million pixels MOS x 1
Lens Mount	2/3-type bayonet
ND Filter	CLEAR, 1/4, 1/16, 1/64
Gain	-6, -3, 0, 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36 dB
Frame Mix	6, 12, 18, 24 dB
Sensitivity	[NORMAL MODE] F6 (2000 lx, 3200 K, when white reflectivity is 89.9%, 1080/59.94i) F7 (2000 lx, 3200 K, when white reflectivity is 89.9%, 1080/50i) [HIGH SENS MODE] F10 (2000 lx, 3200 K, when white reflectivity is 89.9%, 1080/59.94i) F11 (2000 lx, 3200 K, when white reflectivity is 89.9%, 1080/50i)
S/N	60 dB typ. (DNR ON)
Horizontal Resolution	HD: 1000TV lines or above (center) UHD: 1800TV lines or above (center)
Synchronization system	Internal and external synchronization (Tri-level SYNC/Black Burst)
Digital Extender	2x
HD Cut-out	3 memories
Digital Haze Clear	ON/OFF
FBC	ON/OFF
Focus Assist	In RED, In GREEN, BAR, MAG (x2)
Scan Reverse	H, V, H+V
IP Streaming	H.264, MJPEG
Control	IP, Serial
Interface	Video HD SDI OUT1 BNC x 1 3G/1.5G HD SDI: 0.8 V [p-p], 75 Ω HD SDI OUT2 BNC x 1 3G/1.5G HD SDI: 0.8 V [p-p], 75 Ω UHD/HD SDI OUT1 BNC x 1 3G/1.5G HD SDI: 0.8 V [p-p], 75 Ω UHD/HD SDI OUT2 BNC x 1 3G/1.5G HD SDI: 0.8 V [p-p], 75 Ω UHD/HD SDI OUT3 BNC x 1 3G/1.5G HD SDI: 0.8 V [p-p], 75 Ω UHD/HD SDI OUT4 BNC x 1 3G/1.5G HD SDI: 0.8 V [p-p], 75 Ω Other GENLOCK IN BNC x 1, 1.0 V [p-p], 75 Ω I/F D-SUB 15pin LAN 100BASE-TX/10BASE-T TALLY OUT 4pin IRIS 12pin ZOOM/FOCUS 12pin DC IN XLR x 1, 4pin, DC12 V (DC 11 V ~ 17 V)

Panasonic®

Panasonic Corporation
AVC Networks Company
1-15 Matsuo-cho, Kadoma, Osaka 571-8504
Japan
<http://pro-av.panasonic.net/>

[Countries and Regions]

Argentina +54 11 4122 7200
Australia +61 (0) 2 9491 7400
Brazil +55 11 3889 4035
Canada +1 905 624 5010
China +86 10 6515 8828
Hong Kong +852 2313 0888
Czech Republic +421 (0) 903 447 757
Denmark +45 43 20 08 57
Egypt +20 2 23938151
Finland, Latvia, Lithuania, Estonia +358 (9) 521 52 53
France +33 (0) 1 47 91 64 00
Germany, Austria, Switzerland +49 (0) 6103 313887
Greece +30 210 96 92 300
Hungary +36 (1) 362 60 60
India +91 1860 425 1860
Indonesia +65 6277 7284
Iran (Vida) +98 21 2271463
(Panasonic Office) +98 2188791102
Italy +39 02 6788 367
Jordan +962 6 5859801
Kazakhstan +7 727 298 0891
Korea +82 2 2106 6641
Kuwait +96 522431385
Lebanon +96 11665557

Malaysia +60 3 7809 7888
Mexico +52 55 5488 1000
Mongolia +976 70115577
Netherlands, Belgium +31 73 640 2729
New Zealand +64 9 272 0100
Norway +47 67 91 78 00
Pakistan +92 21 111 567 111
Palestine +972 2 2988750
Panama +507 229 2955
Philippines +65 6277 7284
Poland +48 (22) 338 1100
Portugal +351 21 425 77 04
Romania, Albania, Bulgaria, Macedonia +40 (0) 729 164 387
Russia & CIS +7 495 9804206
Saudi Arabia +966 (1) 4790499
Singapore +65 6277 7284
Slovak Republic, Croatia, Serbia, Bosnia, Montenegro, Slovenia +421 (0) 903 447 757
South Africa +27 11 3131622
Spain +34 (93) 425 93 00
Sweden +46 (8) 680 26 41
Taiwan +886 2 2227 6214
Thailand +662 731 8888
Turkey +90 216 578 3700

U.A.E. (for All Middle East) +971 4 8862142
Ukraine +380 44 4903437
U.K. +44(0)1344 70 69 13
U.S.A. +1 877 803 8492
Vietnam +65 6277 7284



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