

AK-UCX100 STUDIO CAMERA

📋 Key Specs	
Image Sensor	Size-Unspecified MOS
Sensor Resolution	Effective: 19.29 Megapixel
ISO/Gain Sensitivity	Gain: -6 to 18 dB dB
Lens Mount	B4 Mount
Broadcast System Compatibility	NTSC, PAL
Video I/O	2 x BNC (12G-SDI) Output 1 x BNC (3G-SDI) Input
Audio I/O	3x XLR 3-Pin Mic/Line (+48 V Phantom Power) Input 2x XLR 5-Pin Intercom Input/Output 1x 1/8" / 3.5 mm TRS Stereo Headphone Output
Recording Media	No
Display Type	No
Power I/O	1x XLR 4-Pin (12VDC) Input 1x LEMO 2-Pin (12VDC at 2.5 A) Output 1x USB-C Output

Imaging

Image Sensor	Size-Unspecified MOS
Sensor Resolution	Effective: 19.29 Megapixel
Horizontal Resolution (TV Lines)	2000 TV Lines
ISO/Gain Sensitivity	Gain: -6 to 18 dB dB
Sensitivity	f/6 at 2000 lux 89.9% Reflectance (Normal) f/10 at 2000 lux 89.9% Reflectance (Low Light)
Signal-to-Noise Ratio	62 dB

Camera

Lens Mount	B4 Mount
Shutter Type	Electronic Rolling Shutter
Shutter Speed	1/2000 to 1/48 Second
Precise Scan Rate Control	No
Built-In ND Filter	Mechanical Filter Wheel with Clear, 2-Stop (1/4), 4-Stop (1/16), 6-Stop (1/64) ND Filters
Broadcast System Compatibility	NTSC, PAL

Interfaces

CCU I/O	1x LEMO SMPTE Input/Output
Video I/O	2 x BNC (12G-SDI) Output 1 x BNC (3G-SDI) Input
Audio I/O	3x XLR 3-Pin Mic/Line (+48 V Phantom Power) Input 2x XLR 5-Pin Intercom Input/Output 1x 1/8" / 3.5 mm TRS Stereo Headphone Output
Lens Control	1x 12-Pin
Other I/O	1x BNC (Genlock, Reference, Sync) Input/Output 2x SFP Input/Output 1x 20-Pin Viewfinder 1x 29-Pin Viewfinder Output 1x Hirose 6-Pin Return 1x 20-Pin 1x Hirose 10-Pin Data 1x RJ45 (LAN)

Recording

Recording Media	No
Video Output	SDI/BNC / Optical Fiber UHD 4K (3840 x 2160) at 23.98/25/29.97/50/59.94 fps HD (1920 x 1080p) at 23.98/25/29.97/50/59.94 fps
Gamma Curve	HDR-HLG, Rec709, Rec2020

Display

Display Type	No
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Power

Power I/O	1x XLR 4-Pin (12VDC) Input 1x LEMO 2-Pin (12VDC at 2.5 A) Output 1x USB-C Output
Power Consumption	119 W

General

Operating Conditions	14 to 113°F / -10 to 45°C up to 85% Humidity
Storage Conditions	-4 to 140°F / -20 to 60°C
Shoe Mount	No
Accessory Mounting Thread	1x 1/4"-20
Tripod Mount	VCT-14
Dimensions (W x H x D)	14.6 x 10.5 x 6.2" / 371.5 x 267 x 157 mm
Weight	10.03 lb / 4.55 kg