

8K Multi-Purpose Camera System

AB-4830/AC-4829



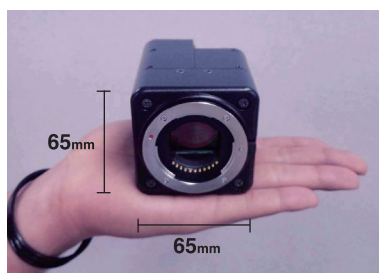
A fanless, lightweight (weight: 340g) and compact 8K camera system equipped with a camera sensor featuring a global shutter function.

The size of camera head enclosure is 65mm × 65mm.

The system consists of a camera head and a CCU. The captured video is output from the CCU in 8K in real-time with 4 lines of 12G-SDI.

The camera and CCU can be separated by up to 100 meters, making it possible to shoot from a remote location.

[Captures video with less distortion due to the use of global shutter]



65 (W) × 65 (H) × 80 (D) mm

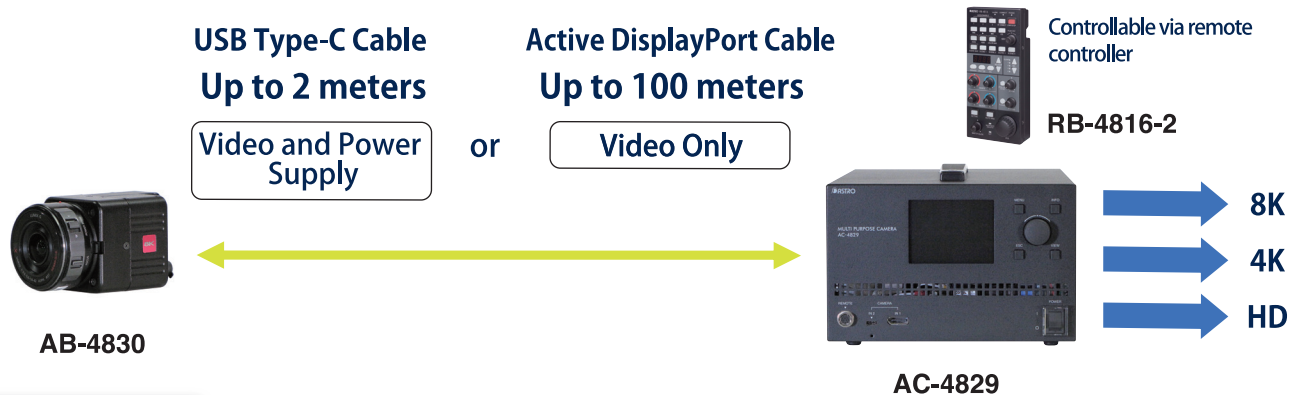


Global Shutter



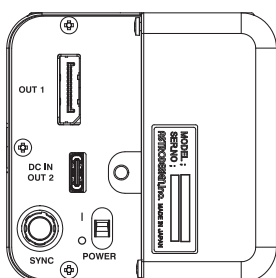
Rolling Shutter

Connection Diagram

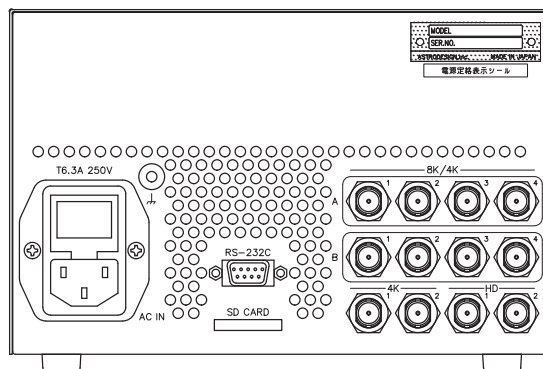


Rear View

Camera



Input/Output



Camera (AB-4830) Specifications

Item	Specifications
Image Sensor	Super 35mm CMOS Sensor 24.576mm × 13.824mm
Effective Pixels	About 33 million pixels
ADC Bit Depth	12-bit
Lens Mount	Micro Four Thirds Mount
Latitude	12 Stop
Electronic Shutter	1/24~1/10000
Frame Frequency	50, 59.94, 60Hz
Genlock Connector	6-pin round connector × 1
Dimensions	65 (W) × 65 (H) × 88.5 (D) mm (Excluding Protrusions)
Weight	340g

Input/Output (AC-4829) Specifications

Item	Specifications
8K Video Output	8K Output 12G-SDI (SMPTE ST 2082-12) × 1 (2 output distribution) 8K (7680 × 4320) YCbCr 4:2:2 50p/59.94p/60p (2SI)
4K Video Output	4K Down-conversion Output 12G-SDI (SMPTE ST 2082-12) × 1 4K (3840 × 2160) YCbCr 4:2:2 50p/59.94p/60p 4K Video Extraction Output 12G-SDI (SMPTE ST 2082-12) × 1 4K (3840 × 2160) YCbCr 4:2:2 50p/59.94p/60p
HD Video Output	HD Down-conversion Output 1.5G-SDI (SMPTE 292M) × 1 (2 output distribution) 1920 × 1080 YCbCr 4:2:2 50i/59.94i/60i
Remote Connector	HR10 12-pin round connector × 1
Dimensions	210 (W) × 133 (H) × 370 (D) mm (3U half-rack mount size/Excluding Protrusions)
Weight	4kg