

AJA RovoCam Integrated 4K/HD Camera with HDBaseT

Camera Module

- Sony FCB-ER8300

Video Formats

- (UltraHD) 3840x2160p 25, 29.97
- (HD) 1080p 23.98, 24, 25, 29.97, 50, 59.94
- (HD) 1080i 25, 29.97
- (HD) 1080p 50, 59.94
- (HD) 720p 25, 29.97, 50, 59.94
- (SD) (720x480p) 29.97
- (SD) (720x576p) 25

Pixel Format

- YUV 4:2:2
- RGB 4:4:4

Sensor

- Progressive scan CMOS, 1/2.3 3840x2160 8.93 Mega Pixels

Lens

- Focal Length: 3.9mm to 36.8mm

F value

- 1.8 to 2.0

Horizontal angle of view

- 70.7 degrees (wide), 6.2 degrees (Tele)

Magnification

- 12x optical, 20x with Super Resolution Zoom

Lens Control

- Zoom, Focus, Iris, IRCS

White Balance

- Auto, ATW, Indoor, Outdoor, One Push, Manual, Sodium lamp

Focus

- Auto, Manual, One push trigger mode

Digital Zoom

- 12x

Super Resolution Zoom

- UHD: 1.67x (max 20x combined with 12x optical zoom)
- HD: 2.0x (max 24x combined with 12x optical zoom)

Image Processor

- Noise reduction (2D/3D)
- Visibility Enhancer ICR (Day and Night) Slow AE
- High Sensitivity
- Gamma
- Character Generator
- Defog
- Color Enhancement Picture Effect
- Spherical Privacy Zone Masking
- E-Flip

Video Output Digital

- HDBaseT (RJ-45, Requires Receiver Unit)

- Cat 5e 70m (230 ft) or Cat 6a 100m (328 ft)

Audio Input Analog

- 1 x 3.5mm TRS Input with 3V PiP (Plug in Power)

Control

- 1 x 3.5mm TRS Input for VISCA camera control. **RS-232 can also pass the control from the RovoRx-HDMI Unit as well.*

User Interface

- VISCA Compatible Control Software and Hardware
- AJA Control Software TBD

Physical

- Width: 2.8" (71mm)
- Length: 5.9" (149.9mm)
- Height: Including tripod mount and cold shoe - 3.6" (91.4mm)
- Power: 10-12Vdc 2 pin pluggable terminal block, 0.6A max 6W typical, 8W max OR Power over HDBaseT Conforming to IEEE802.3af-2003 mode A 6W typical, 8W max
- Weight: 2.2 lbs (1kg)
- Safe Operating Temperature Range: -5C to 60C (23F to 140F)