

BOSMA G1 Pro 8K Streaming Camera

NEW



DC0201

The First Step in Using 8K!
More Affordable than Conventional Products and Supports IP Streaming.

Features

- Supports 8K 30p shooting with a 33 million pixel CMOS image sensor
- Supports 8K 30p real-time streaming via IP
- Supports Timecode in/out
- Supports video transmission protocols RTSP, RTMP, RTP, HLS, NDI and SRT
- Remote control of lens with Micro Four Thirds lens mount
- Compact size that can be carried on a drone

Use Cases

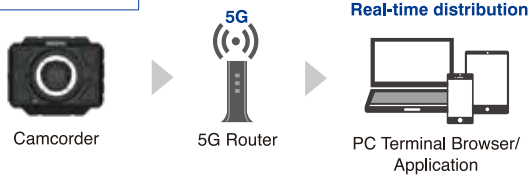
Drone+G1



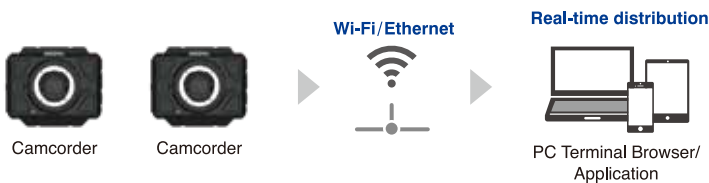
G1+VR



8K+5G



A Multi-camera Live Streaming System



Specifications

| | | |
|---------------------------|--|--|
| Model | BOSMA G1 Pro DC0201 | |
| Image Sensor | Type | 4/3 CMOS |
| | Effective pixels | 33 milion |
| | Sensor size | 18.84mm × 10.60mm |
| Lens mount | Micro Four Thirds mount | |
| Movie | Resolution / Frame rate | 8K (7680 × 4320) @ 30/25/24 fps 4K (3840 × 2160) @ 60/50/30/25/24 fps 1080P (1920 × 1080) @ 60/50/30/25/24 fps |
| | Bitrate control | VBR/CBR |
| | Maximum bitrate | 200M @ 7680 × 4320 (H.265/H.264) 200M @ 3840 × 2160 (H.265/H.264) |
| | Color depth | 10bit |
| | Video encoder | H.264 8bit 4:2:0 H.265 10bit 4:2:0 |
| | File format | .MP4/.MOV |
| | Audio format | 16bit/44.1kHz, 16bit/48kHz 24bit/44.1kHz, 24bit/48kHz |
| | Audio encoder | AAC/PCM |
| | Mic | Built-in stereo mic, External mic (φ 3.5) |
| | Functions | Timelapse/OSD display |
| Photo | Resolution | 8K (7680 × 4320)/4K (3840 × 2160) |
| | File format | JPEG |
| | Functions | Burst/Self timer |
| Exposure | ISO | Auto/Manual (250–25600) |
| | Shutter | Auto/Manual |
| | Shutter type | Shutter Speed: 1/30–1/156250 (s) Shutter Angle: 1°–360° |
| | White balance | Auto, Preset, Manual (2500K–10000K, RGB) |
| Focus | Auto (Continuous AF) /Manual | |
| Other functions | Sharpness/Brightness/Saturation/Contrast/Noise Reduction/Luminance level/Inversion/ Distortion Correction/Image Stabilization/Digital Magnify | |
| Interface | TC IN/OUT | BNC connector × 1 |
| | USB (For data Transfer) | USB 3.0 TypeC × 1 |
| | Ethernet | 1GbE RJ45 × 1 |
| | Mic input | φ 3.5mm × 1 |
| | Headphone out | φ 3.5mm × 1 |
| Additional Options: Wi-Fi | 2.4G 802.11 b/g/n 5G 802.11 a/n/ac | |
| Communication protocols | RTSP, RTMP, RTP, HLS, SRT, NDI | |
| Recording Media | CFast card/SSD (External ssd via usb-c) | |

General Specifications

| | |
|------------------------|---|
| Dimensions | 126.2 (W) × 108 (H) × 108.7 (D) mm (Excluding Protrusions) |
| Weight | 49.38 oz/1400 g |
| Power | DC 12V5A (4pin LEMO), Battery (SONY NP-F series *not included) |
| Saving temperature | –20°C to 60°C (–4°F to 140°F) |
| Operationg temperature | 0°C to 40°C(32°F to 104°F) |