# MOHOC®



# ALL–NEW **MOHOC 2**

## SITUATIONAL AWARENESS AT THE TACTICAL EDGE

MOHOC believes the world's toughest warfighters deserve equipment worthy of their missions. Responding to the evolving needs of the Hyper-Enabled Operator and Integrated Tactical Network, the MOHOC® 2 Camera delivers real-time video streaming over handheld radios.

- **MIL-SPEC PORTS & CABLES**

- **PLUG-AND-PLAY RADIO INTEGRATION**

- **20X IMPROVED LOW-LIGHT SENSITIVITY**

The camera is smaller, lighter, and simpler to operate than the original MOHOC®, but with the same revolutionary low-profile, helmet-contoured form factor and military-grade ruggedization.

A radically improved sensor offers incredible low-light and infrared capability, combining the benefits of day and IR cameras into a single model.

Designed as a customizable platform, MOHOC® 2 can be tailored to match many C5ISR requirements.

When ordering, simply indicate the intended radio, video protocol, and connection port, and MOHOC® 2 will be built to your specification in the USA.*



*Minimum quantities and lead-times may apply

## GENERAL SPECIFICATIONS

| | |
|---|---|
| DIMENSIONS | 4.3cm wide x 3.4cm tall x 9.5cm long |
| IMAGE SENSOR | 1/2.8" Sony® Color CMOS (STARVIS™ Series – back illuminated pixels for ultra-low light) |
| MIN. ILLUMINATION | 0.01Lux @ F2.5 – 30IRE, 0.0003 (DSS on) in visible light and near infrared |
| OPTICS/LENS | Aperture F2.0, 120º Field of View |
| SCANNING SYSTEM | Progressive Scan |
| ELECTRONIC SHUTTER | 50Hz : 1/25~25,600sec 60Hz : 1/30~1/30,000sec |
| DURABILITY | 2m (6.5ft) drop test |
| WATERPROOF | IP68 (10m for 30min) |
| POWER REQUIREMENT | DC external power source |
| CONNECTION | Cabled |
| LOW LIGHT | Auto adjustment for optimal recording in low light environments |
| ROTATING LENS | Manually rotate lens up to 190º to record horizontal video from any mounting position |
| SECURE ATTACHMENT | Curvelock™ base designed to match helmet curvature, provides unprecedented low-profile, secure attachment via Velcro® direct to helmet or helmet cover. |
| IMAGE SETTINGS/CONTROL | Day & Night Mode(Auto/Color/B&W), Auto Gain Control, DSS, WDR, DNR, BLC, Auto Exposure, Image Effect(Gamma/Defog/Privacy/Motion Detection) |
| OPERATING TEMP. | 14ºF~131ºF (-10ºC~+55ºC) |

## IP VIDEO STREAMING SPECIFICATIONS

| | |
|---|---|
| OUTPUT | 2  x H.264, 1 x MJPEG |
| RESOLUTION | 1920x1080, 1280x720, 800x600, 704x480, 704x400, 640x480, 640x360, 320x240 |
| FPS | 30, 15, 10, 6, 5, 3, 2, 1fps (60hz) or 25, 12, 8, 5, 1fps (50hz) |
| BITRATE | 1~20Mbit (6Mbit) |
| BITRATE CONTROL | Off, VBR, CBR |
| STREAM OPTIONS | RTSP address for 1st/2nd H.264 and MJPEG Stream |
| NETWORK PROTOCOL | TCP/IP, UDP/IP, RTP, RTSP, RTCP, NTP, HTTP, DHCP, FTP, SMTP, DNS, DDNS, Onvif |
| ON SCREEN DISPLAY | Available Via Web Browser |
| POWER CONSUMPTION | DC6~18V, Max.130mA@DC12V |

## SDI VIDEO STREAMING SPECIFICATIONS

| | |
|---|---|
| 3G-SDI STREAM | 1080p25/30/50/60, 720p25/30, 720p50/60, 1080i50/60 |
| ANALOG STREAM | CVBS, AHD, TVI, OR CVI: 1080p25/30 |
| ON SCREEN DISPLAY | vailable Via OSD Switch & Serial Port |
| POWER CONSUMPTION | DC5~18V, 140mA@12V with 3G-SD |
| COMMUNICATION | Yes (RS485 ) // RX only |

USB, WIFI, HDMI, and H.265 streaming currently in development. MOHOC® 2 is customizable for different rear port/connector/pin assignments to meet different coms specifications. Please contact MOHOC for further information.

Contact MOHOC to learn more.

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