



MOHOC[®] 2 (SDI MODEL)

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.

MOHOC[®] DNA BUILT IN THE USA

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.

20X IMPROVED LOW-LIGHT SENSITIVITY

MOHOC[®] 2 utilizes a radically improved sensor offering 20X better low-light performance than its predecessor.

PLUG-AND-PLAY RADIO INTEGRATION

Designed as a customizable platform, the MOHOC[®] 2 (SDI model) is built for radios that accept SDI video such as the Persistent Systems[™] MPU5 MANET or DTC SOL8DSR-H2.



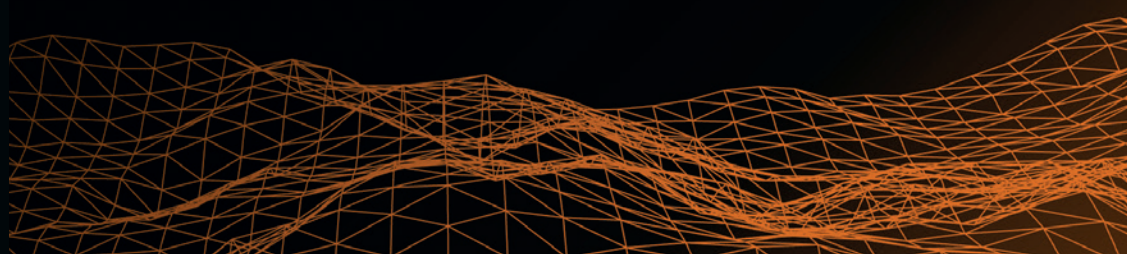
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MIL GREEN



MOHOC® 2 GENERAL SPECIFICATIONS

IMAGE SENSOR	1/2.8" Color CMOS (back illuminated pixels for ultra-low light)
MIN. ILLUMINATION	0.006Lux @F2.0
OPTICS/LENS	Aperture F2.0, 120° Field of View
SCANNING SYSTEM	Progressive Scan
ELECTRONIC SHUTTER	Auto
DURABILITY	2m (6.5ft) drop test
WATERPROOF	IP64 standard connectors, IP68 (10m for 30min) connectors optional
LOW LIGHT	Auto adjustment for optimal recording in low light environments
ROTATING LENS	Manually rotate lens up to 190° to stream 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
OPERATING TEMP.	14°F~131°F (-10°C~+55°C)
DIMENSIONS	80mm (3.2in) long x 41mm (1.6in) wide x 32mm (1.2in) tall
WEIGHT	71grams (2.5oz)

SDI MODEL SPECIFICATIONS

3G-SDI STREAM	1080p25/30/50/60, 720p25/30, 720p50/60, 1080i50/60
ANALOG STREAM	CVBS
ON SCREEN DISPLAY	Available via OSD Switch & Serial Port
POWER CONSUMPTION	DC5~18V, Max.130mA@DC12V
CONNECTION	Din 1.0/2.3 to HD BNC
COMMUNICATION	Yes (RS485) // RX only

MOHOC® 2 is customizable for different rear port/connector/pin assignments to meet different comms specifications.

Please contact MOHOC for further information.



MOHOC® 2 (IP MODEL)

SITUATIONAL AWARENESS AT THE TACTICAL EDGE

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20X IMPROVED LOW-LIGHT SENSITIVITY

MOHOC® 2 utilizes a radically improved sensor offering 20X better low-light performance than its predecessor.

PLUG-AND-PLAY RADIO INTEGRATION

Designed as a customizable platform, the MOHOC® 2 (IP model) is built for radios that accept IP video.



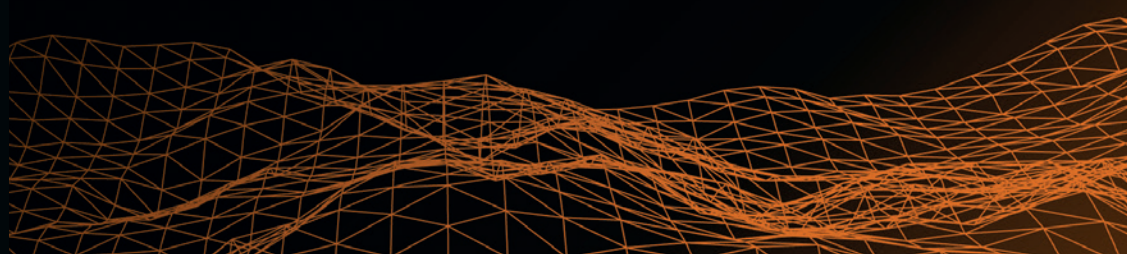
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MOHOC® 2 GENERAL SPECIFICATIONS

IMAGE SENSOR	1/2.8" Color CMOS (back illuminated pixels for ultra-low light)
MIN. ILLUMINATION	0.006Lux @F2.0
OPTICS/LENS	Aperture F2.0, 120° Field of View
SCANNING SYSTEM	Progressive Scan
DURABILITY	2m (6.5ft) drop test
WATERPROOF	IP50 standard connectors, IP68 connectors optional
LOW LIGHT	Auto adjustment for optimal recording in low light environments
ROTATING LENS	Manually rotate lens up to 190° to stream 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
OPERATING TEMP.	14°F~131°F (-10°C~+55°C)
DIMENSIONS	80mm (3.2in) long x 41mm (1.6in) wide x 32mm (1.2in) tall
WEIGHT	71grams (2.5oz)

IP MODEL 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	DC5~18V, Max.130mA@DC12V
CONNECTION	Ethernet (data), DC power

MOHOC® 2 is customizable for different rear port/connector/pin assignments to meet different comms specifications.

Please contact MOHOC for further information.



REMOVABLE GLENAIR 807 USB



FIXED USB-C OR USB-A CABLE

MOHOC® 2 (USB-UVC MODEL)

SITUATIONAL AWARENESS AT THE TACTICAL EDGE

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MOHOC® DNA BUILT IN THE USA

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SEAMLESS LIVE STREAMING WITH TAK

MOHOC® 2 (USB-UVC model), integrates seamlessly with the TAK Plugin for Android. Using the HelmCam app, operators can stream live video from their smartphone to a remote server via cellular or tactical radio networks.

20X IMPROVED LOW-LIGHT SENSITIVITY

MOHOC® 2 utilizes a radically improved sensor offering 20X better low-light performance than its predecessor.

PLUG-AND-PLAY RADIO INTEGRATION

Designed as a customizable platform, the MOHOC® 2 (USB-UVC model) is built for radios that accept USB-UVC video and power/data hubs such as Glenair STAR-PAN™.



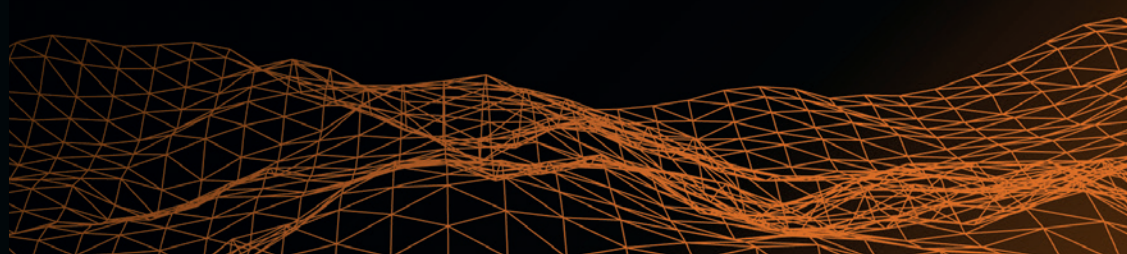
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MOHOC® 2 GENERAL SPECIFICATIONS

IMAGE SENSOR	1/2.8" Color CMOS (back illuminated pixels for ultra-low light)
MIN. ILLUMINATION	0.006Lux @F2.0
OPTICS/LENS	Aperture F2.0, 120° Field of View
SCANNING SYSTEM	Progressive Scan
ELECTRONIC SHUTTER	Auto
DURABILITY	2m (6.5ft) drop test
WATERPROOF	IP64 standard connectors, IP68 (10m for 30min) connectors optional
LOW LIGHT	Auto adjustment for optimal recording in low light environments
ROTATING LENS	Manually rotate lens up to 190° to stream 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
OPERATING TEMP.	14°F~131°F (-10°C~+55°C)
DIMENSIONS	80mm (3.2in) long x 41mm (1.6in) wide x 32mm (1.2in) tall
WEIGHT	71grams (2.5oz)

USB-UVC MODEL SPECIFICATIONS

OUTPUT	MJPEG: 1080/720p
RESOLUTION	Max. 1080P (1920 x 1080)
FPS	Max. 25/30fps (50/60Hz)
CONNECTION	Gleniar 807, USB-C cable or USB-A cable
EXPOSURE	Auto
WHITE BALANCE	Auto
GAIN CONTROL	Auto
POWER	USB 5V, Consumption: Max. 180mA@DC5V
SUPPORT	Windows, Linux, Mac, Android, etc.

MOHOC® 2 is customizable for different rear port/connector/pin assignments to meet different comms specifications.

Please contact MOHOC for further information.

Optac™

MOHOC® OPTAC™ DRONE CAMERAS

Leveraging MOHOC's proven imaging dominance in tactical helmet cameras, MOHOC® Optac™ redefines the visual edge in FPV drone optics. Engineered for decisive clarity in all light conditions with a removable IR filter cap, Optac™ delivers video precision and ultra-low latency across dynamic mission profiles. Detect, acquire, track, and lock targets all while meeting NDAA, SWaP, and cost objectives essential to attritable and one-way effect platforms.



FIND, FIX AND FINISH

- Daylight, low-light, and infrared video in a single camera purpose built for attack UAV
- Exceptional glass-to-glass latency for rapid engagement decisions
- Ruggedized for launched effect environments with patent-pending, snag-free form factor
- Removable IR filter cap for night operations

SECURE, SUPPLY AND SCALE

- NDAA compliant and audited components
- Plug-and-play FPV drone integration, optimized for SWaP constraints
- Seamless CVBS video integration with analog VTX systems

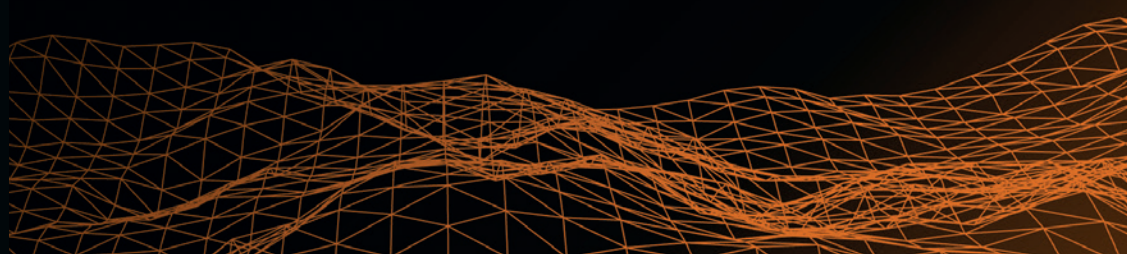
MULTI-SPECTRUM SOLUTIONS

Optac™ A-VIS

- Captures 400–750nm visible spectrum
- Outputs color video
- Optimized for daylight conditions

Optac™ A-NF

- Captures 400–950nm visible & IR spectrum
- Outputs color video in daylight with IR filter cap installed
- Outputs black-and-white video at night with IR filter cap removed
- Optimized for night conditions with external IR illumination



OPTAC™ TECHNICAL SPECIFICATIONS

DIMENSIONS (L X W X H)	22mm x 22mm x 22mm
WEIGHT	18g (0.63oz)
IMAGE SENSOR	1/2.8 CMOS, .0005 LUX ultra-low light sensitivity
OUTPUT VIDEO INTERFACE	CVBS
OSD	Joystick control
LENS	f/2.0
LIGHT TRANSMISSION	A-VIS: 400-750nm, A-NF: 400-950nm
ASPECT RATIO	CVBS 16:9 or 4:3 adjustable
FOV	4:3 ratio - 85H/60V/104D or 16:9 ratio - 100H/60V/117D
RESOLUTION	Analog: CVBS (960x576/PAL, 960x480/NTSC)
FPS	CVBS @30/25 fps (NTSC/PAL)
POWER SOURCE	DC5V, Max. 280mA@DC5V (1.4W)
CONNECTION INTERFACE	5pin Molex 1.25mm
LOW LIGHT	Auto adjustment for optimal recording in low light environments
CAMERA UAV MOUNTING	M2 screws

MOHOC® Cameras are dual-use, non-ITAR-controlled items; intended for military, law enforcement, first responders, as well as civilian and sport applications. International orders may ship from outside the United States.