MOHOC

Tactical
Helmet Cameras

mohoc.com

MOHOC believes the world's toughest war fighters deserve equipment worthy of their mission.

Everything we create is purpose-built for elite operators working in the harshest operational conditions.

Our cameras are the tactical video sensors at the tip of the C6ISR spear.

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Video Capture & Situational Awareness at the Tactical Edge

Since its inception in 2014, MOHOC, Inc. has been at the forefront of tactical innovation, dedicating itself to empowering military and law enforcement teams across the globe. Our commitment to providing purpose-built, cutting-edge technology is reflected in MOHOC® and MOHOC® 2 Cameras, devices conceived with the singular purpose of improving video capture and situational awareness for elite operators.

Engineered for exceptional durability, the original MOHOC® Cameras are uniquely designed to work seamlessly with a wide range of helmets, ensuring they stay out of the way while capturing the operation. They offer high-definition and infrared video recording, making them indispensable for after-action review, training, and evidence collection.

Building on that DNA, the MOHOC® 2 Cameras are designed for real-time video streaming over tactical communication networks. In both defense and law enforcement, the imperative for improved situational awareness is unparalleled. MOHOC® 2 Cameras epitomize this strategic necessity; offering seamless live video streaming via tactical radios, data/power hubs, and EUDs.

With a legacy rooted in enhancing mission capabilities, MOHOC continues to serve those who defend and protect. Our helmet cameras are more than just equipment; they are a critical operational ally.

MOHOC® Cameras provide increased image and video capture for the Tactical Operator.

The ultimate standalone recording device for daylight or dark operations and training.

MOHOC® Cameras

MOHOC® & MOHOC IR®

Visible light and infrared recording devices

THE WORLD'S FIRST MILITARY-OPTIMIZED HELMET CAMERAS

MOHOC® Cameras are the original, standalone recording devices with revolutionary form-factor, ruggedization, and user interface. The patented helmet-contoured base and low-profile housing eliminate snag hazards experienced by consumer cameras.

Waterproof to 10m/33ft and drop-proof to 2m/6.5ft, MOHOC® is military-grade tough and IP68 rated. Its single button tactile control with vibration feedback enables intuitive operation even in the harshest conditions.

MISSION CRITICAL, HD VIDEO & IMAGES IN ALL LIGHT CONDITIONS

Both MOHOC® and MOHOC® IR Cameras capture razor-sharp 1080p HD video and 12MP photos in visible light, low light, and white light.

The MOHOC® IR model also captures images in total darkness when used with infrared illumination (always records in black & white).

NEAR-RANGE WI-FI VIDEO STREAM

Activate MOHOC's simple, rapidly deployed, Wi-Fi live stream and pair with the MOHOC iOS or Android app for near-range video transmission of up to 23m/75ft.

Technical specifications on page 19.

Key Features

LENS ROTATION
Infinite mounting options and filming perspectives

DUAL POWER
Two CR123A or rechargeable Li-ion for battery versatility

LIVE STREAMING WI-FI APP
Securely connect & control with iOS or Android devices

FULL HD VIDEO
1080p @ 60FPS

DUAL CAPTURE
Simultaneously take photos while recording video

12MP CAMERA
Manual, photo burst and time lapse

SNAG FREE OPERATIONS
Low profile, helmet-optimized form factor

MISSION READY
Military ruggedized, 2m (6.5ft) drop test

WATERPROOF
Waterproof to 10m (33ft), IP68 rated

CURVELOCK™ SYSTEM
Contoured to fit combat helmets securely

ONE TOUCH OPERATION
Single finger toggle, ideal when wearing gloves

DARK-USE SAFE
Vibration feedback and zero white light discharge

VELCRO® MOUNT
Instant secure attachment, no mounting hardware

LOW LIGHT & INFRARED
Auto low light adjustment & IR enabled model

WIDE ANGLE & TRUE FOV
140 degree non-distorted field of view

In the challenging and demanding environments of military and law enforcement operations, the MOHOC® Cameras stand out as the ultimate tactical recording solution. Revered by elite forces globally, these cameras are not just equipment but a partner in the field.

Camera Comparison

While both MOHOC® and MOHOC IR® models share the same form factor, ruggedization and video and photo capture ability, there are some distinct differences, highlighted to the right.

MOHOC® (MHDBK)

MOHOC® IR (MHIRBK)

Camera performance in visible light

- Daylight camera captures
  - day light
  - low light
  - white light
- Records in full color

- Infrared camera captures
  - day light
  - low light
  - white light
- Records in black and white under both visible and IR light

Camera performance in zero visible light using IR illumination

- Cannot capture IR illumination*

- Only MOHOC® IR captures IR illumination*
- Records in black and white

*Both images shot in darkness with Surefire® IR Scout Light®

DONT TREAD ON ME

Real-time streaming video sensors, custom-built for 'plug-and-play' integration with tactical comms.

MOHOC® 2 Cameras

Situational Awareness At The Tactical Edge

IP, SDI, and USB-UVC Video Platforms

ENHANCING THE HYPER-ENABLED OPERATOR

Responding to the rapidly evolving C6ISR landscape, MOHOC® 2 delivers real-time video streaming over the Integrated Tactical Network.

PLUG-AND-PLAY COMMS INTEGRATION

Designed as a customizable platform, MOHOC® 2 is available in three models: SDI, IP, and USB-UVC video protocols. Each model is designed specifically for integration with different radios, power/data hubs, and EUDs.

20X IMPROVED LOW-LIGHT SENSITIVITY

MOHOC® 2 utilizes a radically improved sensor offering 20X better low-light performance than its predecessor MOHOC® Camera, and is capable of capturing video under moonless starlight.

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.

Technical specifications on page 19-20.

Video Output Options

IP Model

Built for mesh radios that accept IP video or IP over USB video.

SDI Model

Built for radios that accept SDI video such as the Persistent Systems™ MPU5 MANET or DTC SOL8DSR-H2.

USB-UVC Model

Built for radios that accept USB-UVC video and power/data hubs such as Glenair STAR-PAN™.

Available Colors

Black

Tan

Mil Green

All models are available in these three Colors.

Key Features

LENS ROTATION
Infinite mounting options and perspectives

LIVE STREAMING
Live stream video over tactical radios

WATERPROOF
IP50 with Standard connectors, IP68 with optional connectors

FULL HD VIDEO
1080p @ 60FPS

LOW LIGHT
20x Upgraded Low light capability for exceptional footage in darkness (0.006 LUX)

DARK-USE SAFE
Silent and zero white light discharge

SNAG FREE OPERATIONS
Low profile, helmet-optimized form factor

CURVELOCK™ SYSTEM
Contoured to fit combat helmets securely

WIDE ANGLE & TRUE FOV
120 degree non-distorted field of view

VELCRO® MOUNT
Instant secure attachment, no mounting hardware

MOHOC® SPINE™

SPINE™ Cable Management System

A simple solution to a common problem

SECURE EVERY CONNECTION

Loose cables get in the way, create snag hazards, and come unplugged. They are not just annoying; they cost time, efficiency, and safety. SPINE™ encloses, organizes, and secures tactical cabling - keeping power and data connections flush, low profile, and mission ready.

SEGMENTED DESIGN

Modular stitched sections allow multiple entry/exit points and precise cable routing on helmets and body-worn platforms.

SNAG REDUCTION

Keeps cables aligned and flat against helmets, shoulders, torso, and dismounted gear.

FIELD CONFIGURABLE

Supports a wide-range of commercial and MIL-SPEC cables with elastic webbing over tactical nylon. Hook backing integrates with loop patches; adhesive loop included.

BROAD CABLE COMPATIBILITY

Modular stitched sections allow multiple entry/exit points and precise cable routing on helmets and body-worn platforms.

VERSATILE ACROSS TACTICAL ELECTRONICS

Designed for MOHOC® Cameras; adaptable to any cabled device on helmets, chest rigs, packs, vehicles, K9, and beyond. Works seamlessly with MOHOC® Shoulder Mount.

FLEXIBLE LOADOUT

Available as single units or 3-packs with purpose-built MOLLE pouch. Custom models available.

Patents and Trademark Pending

Accessory	MOHOC Model #
MOHOC® Spine™, Mil Green	MH-SPGR
MOHOC® Spine™, Mil Green, 3 Pack, MOLLE Case	MH-SP3GR
MOHOC® Spine™, Tan	MH-SPTN
MOHOC® Spine™, Tan 3 Pack, MOLLE Case	MH-SP3TN
MOHOC® Spine™, Black	MH-SPBK
MOHOC® Spine™, Tan 3 Pack, MOLLE Case	MH-SP3BK

Since 2014, MOHOC® Cameras have been in service with many Military and Tactical Law Enforcement organisations around the world.

No other helmet cameras have been designed from the ground up to meet the exacting requirement of today's Military and Tactical Law Enforcement teams.

"Your company has produced a product that I feel meets the specific needs of tactical operation units to utilize video for training or on operations, without being cumbersome and difficult to operate."

US Tactical Law Enforcement

Increase the capabilities of your MOHOC® & MOHOC® 2 Cameras with these accessories

Accessories

Multi-Mount

Extend the functionality of your camera beyond the helmet

DEVELOPED SPECIFICALLY FOR USE WITH MOHOC® CAMERAS

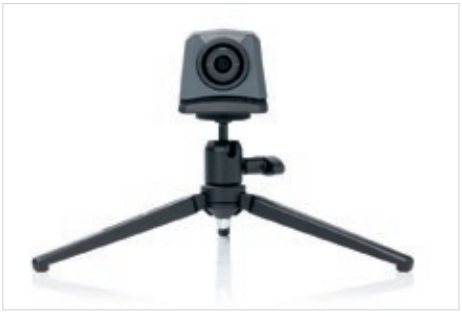
This purpose-built tactical accessory allows MOHOC® Cameras to securely mount on flat surfaces, tripods, weapon rails, and hundreds of action camera mounts.

Instantly secure your MOHOC®, MOHOC® IR, or MOHOC® 2 Camera to the top of the Multi-Mount with industrial-grade Velcro®. Then use the anchor points on the bottom to attach the Multi-Mount wherever your operation demands.

1. Flat base with VELCRO® hook to attach to flat surfaces
2. 1/4" 20 nut to connect to tripod or Action Camera Mount
3. Picatinny Mount & KeyMod™ attachment holes

Includes Multi-Mount, picatinny adaptor, action camera adaptor (MH-MM)

Picatinny rail mount



Tripod mount

Action camera mount

K9 Mount

Capture the K9's point of view

MAN'S BEST TACTICAL ASSET

Record or stream the K9 perspective in a way never seen before. Comfortably and securely positioned on a dog's head, the MOHOC® with K9 Mount shows exactly what a dog detects.

Lightweight, padded, tactical nylon harness with 4-point adjustable Velcro®. Fits all medium to large working dogs.

Available in Tan (MH-K9T) and Black (MH-K9BK)

Other accessories to further enhance the versatility of MOHOC® & MOHOC® 2 Cameras

Shoulder Mount
Capture a different perspective

THE ULTIMATE BODY CAM
Built with tactical nylon and secured by industrial-grade Velcro®, it's compatible with vests, chest rigs, backpacks, and other shoulder straps. Once positioned, simply turn the rotating lens on the MOHOC® or MOHOC® 2 to ensure a level shot.

Available in Tan (MH-SMT) and Black (MH-SMBK)

MOLLE Case
Ruggedized, tactical and secure case

STASH, STORE, SECURE
When not deployed, protect your MOHOC® in this MOLLE compatible, tactical-nylon case. With ruggedized buckle and microfiber cushion over the lens, the MOLLE Case is basecamp for an off-duty MOHOC®.

Available in Tan (MH-MCT) and Black (MH-MCBK)

Spare Gear
Genuine spares and replacements

ARRIVE PREPARED
Equip yourself with genuine MOHOC® spare and replacement parts including Velcro® mounting strips, Li-ion batteries, and MicroSD cards.

MOHOC
"An optimized, military-grade POV camera would be well received and most welcome in our line of work"
US Military Special Forces

Technical Specifications

MOHOC® & MOHOC® IR Cameras

Video	1080p at 60/30 FPS Full HD. 720p at 120/60/30 FPS
Photo	12 MP. Manual photo, photo burst, time lapse (photo every 60, 30, 5, or 3 seconds)
Image Quality (MOHOC®)	Full HD Color in visible light
Image Quality (MOHOC® IR)	Full HD Black & White in visible and IR light spectrum from 420nm to 950nm
Dual Capture	Ability to take still photos while simultaneously recording video
Waterproof	10 meters (33ft). IP68 rated in standard case (without additional case or housing)
Durability	2 meter (6.5ft) drop test
Microphone	Stereo
Wireless	Wi-Fi 802.11b/g/n
Memory	MicroSD™ card compatible up to 64GB. Class 10 or higher required. Card not included
Battery	5+ hrs operation with 2x CR123A Lithium batteries (not included) and 2 hr 45 minutes with MOHOC® Li-Ion Rechargeable battery pack (included)
Optics/Lens	Aperture F2.8, 140° Field of View, and CMOS Sensor
Low Light	Auto adjustment for optimal recording in low light environments
Rotating Lens	Manually rotate lens up to 190° to record horizontal video from any mounting position
Secure Attachment	Velcro® attachment direct to helmet or helmet cover. Lanyard included to tether for additional security
Additional Settings	Loop recording, video orientation adjustment, date & time stamp, and power save mode
Dimensions (L x W x H)	89 mm (3.50 in) x 53 mm (2.01 in) x 43 mm (1.69 in)
Weight	202 gm with Li-Ion rechargeable battery
Kit Includes	MOHOC® Camera, 1300mAh Rechargeable battery, 2 Velcro® mounting strips, USB cable, lanyard and bag

MOHOC® 2 CAMERAS

Image Sensor	1/2.8" Color CMOS (back illuminated pixels for ultra-low light)
Minimum 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 Temperature	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)

MOHOC® 2 Detailed Specifications

IP Model

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	DC5~18V, Max.130mA@DC12V
Connection	Ethernet (data), DC power, or IP over USB

SDI Model

3G-SDI Stream	1080p25/30/50/60, 720p25/30, 720p50/60, 1080i50/60
Analogue Stream	CVBS
On-Screen Display	Available via OSD Switch & Serial Port (accessory cable required)
Power Consumption	DC5~18V, Max.130mA@DC12V
Connection	Video Output (HD BNC), Power (USB)
Communication	Yes (RS485) // RX only

USB-UVC Model

Output	MJPEG: 1080/720p
Resolution	Max. 1080p (1920 x 1080)
FPS	Max. 25/30fps (50/60Hz)
Connection	Glenair® 807 or Standard USB cable
Exposure	Auto
White Balance	Auto
Gain Control	Auto
Power	USB 5V, Consumption: Max. 180mA@DC5V
Support	Windows, Linux, Mac, Android, etc.

NATO/National Stock Numbers

MOHOC® CAGE CODE: 7FD83

Camera	NSN Item Name	MOHOC Model #	NSN
MOHOC® Camera MOHOC® daylight camera, rechargeable battery, lanyard, bag, Velcro® patch, Micro USB cable, Quick Start Guide	Camera: Recording Video	MHDBK	5836-01-672-5757
MOHOC® IR Camera MOHOC® infrared camera, rechargeable battery, lanyard, bag, Velcro® patch, Micro USB cable, Quick Start Guide	Camera: Infrared Industrial	MHIRBK	6635-01-671-1512
MOHOC® 2 IP Camera (Tan) MOHOC® 2 IP Camera (Tan), bag, Velcro® patch, Quick Start Guide	Camera: Streaming Video	MH2IP2TN	5836-01-735-8747

Accessory	NSN Item Name	MOHOC Model #	NSN
MOHOC® Multi-Mount	Spare Parts Kit, Camera	MH-MM	6780-01-681-3371
MOHOC® K9 Mount, Tan	Harness, Dog Leading	MH-K9T	3770-01-682-9431
MOHOC® K9 Mount, Black	Harness, Dog Leading	MH-K9BK	3770-016-829-433
MOHOC® Shoulder Mount, Tan	Shoulder Strap, Packboard	MH-SMT	8465-01-682-9445
MOHOC® Shoulder Mount, Black	Shoulder Strap, Packboard	MH-SMBK	8465-01-682-9448
MOHOC® MOLLE Case, Tan	Case, Camera	MH-MCT	5820-01-682-9450
MOHOC® MOLLE Case, Black	Case, Camera	MH-MCBK	5820-01-681-3572
MOHOC® Velcro® Mounting Strips, Coyote, 5pk	Fastener Tape, Pile	MH-VL5C	5325-01-682-9434
MOHOC® Velcro® Mounting Strips, Black, 5pk	Fastener Tape, Pile	MH-VL5BK	5325-01-681-3431
MOHOC® Li-on Rechargeable Battery, 1300mAh	Battery, Storage	MH-B	6140-01-681-3534
MOHOC® USB Cable	Cable Assembly, Special Purpose, Electrical	MH-USB	5995-01-682-9610
MOHOC® Lanyards, 5pk	Cord, Fibrous	MH-LYRD5	8305-01-682-9619

"The MOHOC camera is revolutionary and completely tailored to the field of the tactical operator. It has been built from the ground up to fit our needs. We attest to its durability, reliability, and functionality."

US Tactical Operations Group

MOHOC

Contact MOHOC to learn more.

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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.

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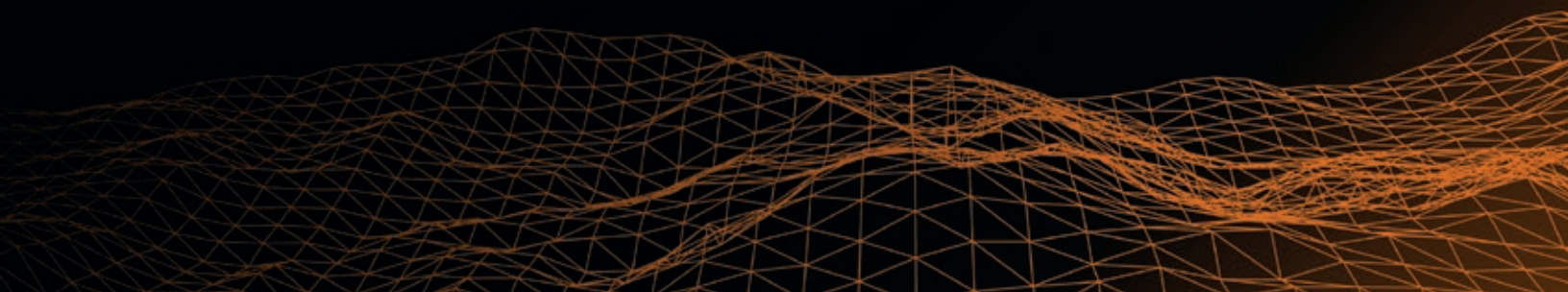
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