

MOHOC®

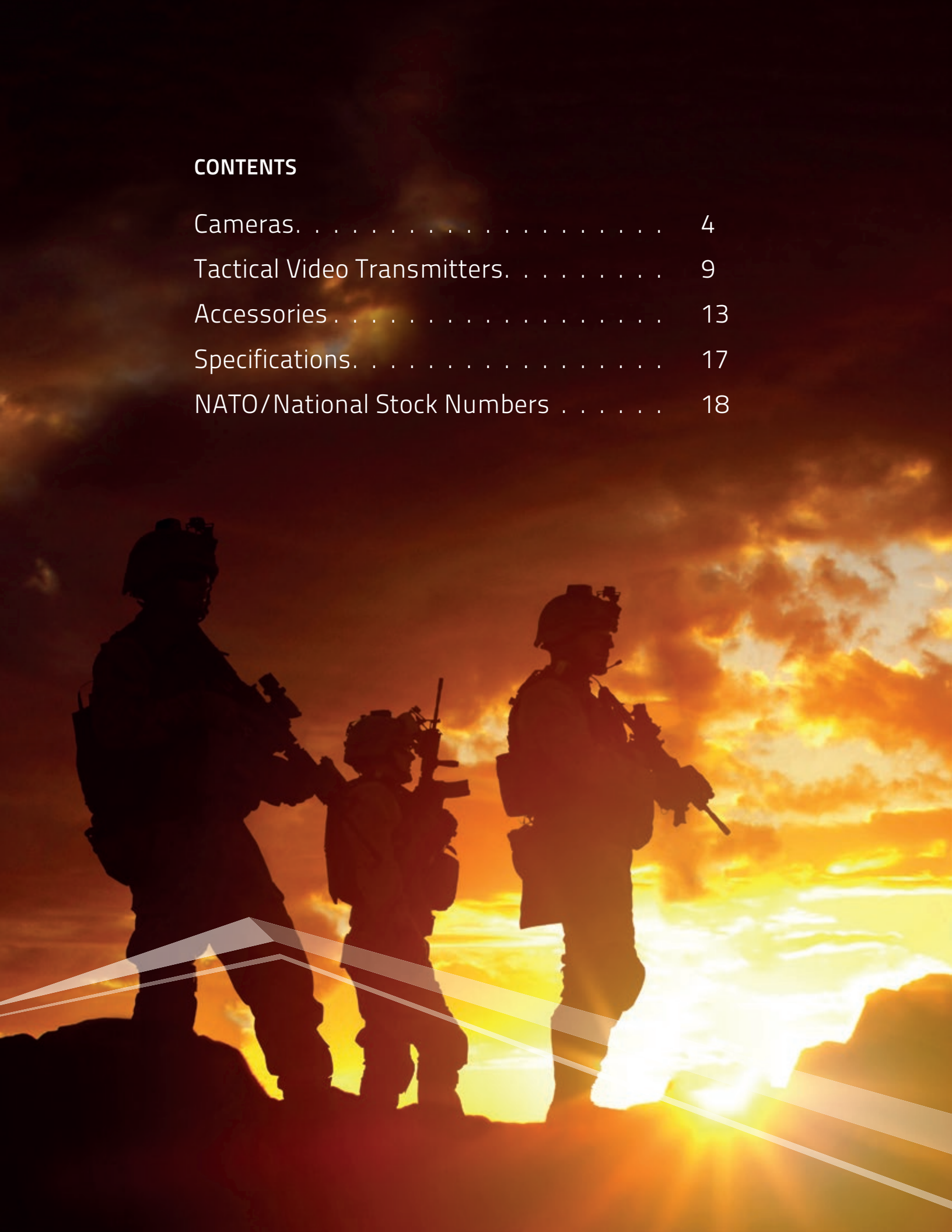


TACTICAL HELMET CAMERAS
& VIDEO TRANSMITTERS

MOHOC.COM

CONTENTS

Cameras.	4
Tactical Video Transmitters.	9
Accessories	13
Specifications.	17
NATO/National Stock Numbers	18



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

Everything we create is purpose-built to enhance situational awareness for elite operators in the harshest conditions.

Our Cameras & Transmitters are the tactical video sensors at the tip of the C5ISR spear.



CAMERAS

MOHOC® & MOHOC IR® VISIBLE LIGHT & INFRARED MODELS

THE WORLD'S FIRST MILITARY OPTIMIZED HELMET CAMERAS

MOHOC® Cameras revolutionize form-factor, ruggedization, and user interface. The patented helmet-contoured base and low-profile housing eliminate snag hazards.

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® 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 (records in black & white).

STREAM LIVE VIDEO TO TEAM- MATES AND COMMAND

Tactically designed MOHOC® Cameras are front-line video sensors for the hyper-enabled operator to enhance situational awareness.

As an integral part of the C5ISR tactical operating network, MOHOC® Cameras are essential for obtaining, gathering and processing real-time data to maintain operational superiority.

Technical specifications on page 17



TACTICAL FORM FACTOR
HELMET CONTOUR, LOW PROFILE, SNAG-FREE



MILITARY RUGGEDIZED
WATERPROOF, DROP-PROOF, MISSION READY



INTUITIVE USE
SIMPLE TACTILE OPERATION & VIBRATION ALERTS

LIVE STREAM OPTIONS

WI-FI



Activate MOHOC's simple, rapidly deployed, Wi-Fi live stream for near-range video transmission up to 200m/650ft with LASO™ (see page 9).

CELLULAR



Leverage 3rd party mobile apps and software to securely stream live video and GPS location over 4G/LTE cellular networks worldwide.

RADIO



Utilize advanced military and tactical radios to transmit live stream over various waveforms, mesh networks, and other MANET equipment.

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

Technical specifications on page 17

CAMERA COMPARISON

MOHOC® (MHDBK)

MOHOC® IR (MHIRBK)


PERFORMANCE IN VISIBLE LIGHT



- Camera captures
 - day light
 - low light
 - white light
- Records in full color



- Camera captures
 - day light
 - low light
 - white light
- Records in black and white

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®

PROBLEM HEARD:

"Current POV cameras on the market are NOT providing the answers we are looking for."

US MILITARY SPECIAL FORCES

CHALLENGE ISSUED:

"For a video camera to be trusted by tactical teams, it needs to be specifically thought out, designed and built for their particular applications."

FRENCH NATIONAL TACTICAL POLICE

SOLUTION DELIVERED:

"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



Photo: Ministère de l'Intérieur, France/DICOM, Y.MALENFER



Photo: Bushido Tactical



Photo: Equipnor AB



TACTICAL VIDEO TRANSMITTERS

LASO™

STREAM LIVE VIDEO TO TEAMMATES & COMMAND

Real-time data acquisition is essential to mission-critical decision making. Live video enhances situational awareness as an integral component of the C5ISR battlefield.

LASO™ is a two-part booster system that extends a MOHOC® Camera's existing WiFi streaming distance up to 10 times the stand-alone camera, line of sight up to 200m/650ft.

The transmitter unit accompanies the operator with the MOHOC® Camera, while the pre-paired viewer unit stays with those viewing the video on MOHOC's iOS and Android apps.



Camera & phone not included



SIMPLE, RUGGEDIZED, TWO-PART PAIRED
WIFI BOOSTER SYSTEM



UNITS INCORPORATE INTERNAL BATTERY
WITH NO EXTERNAL CABLES



CAN BE CARRIED ON A TACTICAL VEST,
K9 HARNESS OR BACKPACK

LASO™ requires no cables and is water resistant. It is MOLLE compatible to be easily body-worn or stored in a backpack. Small, rugged, and easy-to-use, LASO™ is a rapidly deployed system that requires nothing more than turning on the equipment and opening the app.

LASO™ is the ideal Tactical Video Transmitter for both training and live operations where short-range video streaming is required. The many use-case scenarios include EOD, clearing, K9, and riot control.



TRANSMITTER UNIT ACCOMPANIES THE OPERATOR & IS MOLLE COMPATIBLE



MOHOC APP ENABLES TEAMMATES AND COMMANDERS TO VIEW VIDEO REMOTELY

MOHOC® LASO™ SPECIFICATIONS	
WIDTH	190mm/3.5in
HEIGHT	106mm/4.2in
DEPTH	445m/1.8in
WEIGHT PER UNIT	187grams /6.6oz
WIRELESS	WiFi 802.11 b/g/n, 2.4GHz
VIEWING PLATFORM	MOHOC® iOS & Android apps
VIDEO STREAMING RESOLUTION	240p
MAX DISTANCE BETWEEN TRANSMITTER AND RECEIVER	200m/650ft line-of-sight
BATTERY	Up to 10 hours life, 2500mAh, removable and replaceable, charge by micro USB (included)
LED BATTERY INDICATOR	Blue = Power on, Blinking Red = charging, Solid Red =Full charge
WATER RESISTANCE	Rain and splashes
DURABILITY	1m/3.3ft drop test
ATTACHMENT	MOLLE compatible
KIT INCLUDES	LASO™ Transmitter, LASO™ Viewer, 2 batteries, 2 micro USB charging cables, and Quick Start Guide

PROBLEM HEARD:

"We have a great demand for a military-grade, ruggedized POV camera."

US MILITARY SPECIAL FORCES

CHALLENGE ISSUED:

"An optimized, military-grade POV camera would be well received and most welcome in our line of work."

US MILITARY SPECIAL FORCES

SOLUTION DELIVERED:

"The clarity and sound of MOHOC® Cameras in training or combat far exceed the competitors. In preparation for our deployment we used the MOHOC for training after action review. While in Afghanistan we also found it a useful tool in combat."

US ARMY





ACCESSORIES

MULTI-MOUNT

INCREASE THE CAPABILITIES OF YOUR MOHOC® CAMERAS

Developed specifically for use with the MOHOC® and MOHOC® IR Cameras, the Multi-Mount is designed to extend the functionality of your camera beyond the helmet.

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® 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



FLAT SURFACE MOUNT (VIEW OF UNDERSIDE)



INCLUDES MULTI-MOUNT, PICATINNY ADAPTOR, ACTION-CAMERA ADAPTOR (MH-MM)



PICATINNY RAIL MOUNT



TRIPOD MOUNT



ACTION CAMERA MOUNT

HARDWIRE DOOR

CABLE ACCESS DURING OPERATIONS

As the video sensors of the networked battlefield, MOHOC® Cameras sometimes require constant power supply and/or continuous live video stream.

The MOHOC Hardwire Door allows access to the micro USB and micro HDMI ports without exposing the battery and internal components.

Tactically configured 90° cables ensure MOHOC remains low profile, while ruggedized seals keep the camera resistant to water and dust.

The Hardwire Door is easily installed even when wearing gloves, and interchangeable with the standard door when complete waterproofing is required.



MICRO HDMI & MICRO USB PORTS



90° CABLES PROVIDE LIVE FEED



INCLUDES HARDWIRE DOOR & CABLES (MH-HWD)



ACCESSORIES

K9 MOUNT

MAN'S BEST TACTICAL ASSET

Capture your K9's point-of-view in a way never seen before. Comfortably and securely positioned on a dog's head, the MOHOC® with K9 Mount records 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)

SHOULDER MOUNT

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® to ensure a level shot.



AVAILABLE IN TAN (MH-SMT) AND
BLACK (MH-SMBK)

MOLLE 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

ARRIVE PREPARED

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



SPECIFICATIONS

MOHOC® & MOHOC® IR CAMERAS

PATENTS ISSUED & PENDING	
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	WiFi 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)
CONNECTIVITY	Charge and sync with USB (cable included) and HDMI for playback
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
KIT INCLUDES	MOHOC® Camera, 1100mAh Rechargeable battery, 2 Velcro® mounting strips, USB cable, lanyard and bag

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

ACCESSORY	NSN ITEM NAME	MOHOC MODEL #	NSN
MOHOC® Multi-Mount	Spare Parts Kit, Camera	MH-MM	6780-01-681-3371
MOHOC® Hardwire Door	Housing, Electrical Components	MH-HWD	5999-01-682-9621
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, 1100mAh	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



Contact MOHOC to learn more.

+1.208.806.1391

info@mohoc.com

www.mohoc.com

Find mohocinc on:



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 currently ship from outside the United States.

Patents issued & pending.
Trademarks registered & pending.
© 2022 MOHOC, Inc. All rights reserved.