

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.

Contact MOHOC to learn more.

+1.208.806.1391

info@mohoc.com

www.mohoc.com