



## MOHOC® RTS™ StreamCaster Edition Helmet-Mounted Camera



### SITUATIONAL AWARENESS AT THE TACTICAL EDGE

MOHOC and Silvus have joined forces to create the MOHOC RTS – StreamCaster Edition, designed to be plug-and-play compatible with StreamCaster 4000-series MANET radios.

Built for the hyper-enabled operator, the MOHOC RTS – StreamCaster Edition delivers real-time video streaming through StreamCaster MANET radios, maximizing situational awareness at the tactical edge.

Compact, lightweight and simple to operate, its patented helmet-contoured base and ruggedized low-profile housing eliminates snag hazards for increased mobility. The MOHOC RTS – StreamCaster Edition's design allows for mounting on multiple helmet or tactical vest locations – with the flexibility to be used as a remote ISR sensor for integration into vehicles, robotics and other operational environments.

Through an intuitive web-interface, users can customize image quality, camera settings and video capture parameters.

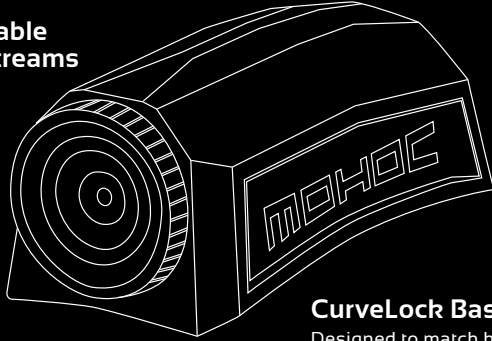
On-board sensors provide 20x improved low-light sensitivity than previous generation MOHOC models, with customizable video output streams (2x H.264; 1x MJPEG).

# MOHOC® RTS™ StreamCaster Edition

# Helmet-Mounted Camera

## KEY FEATURES

**Three Customizable  
Video Output Streams**  
(H.264; MJPEG)



**20x Improved Low  
Light Sensitivity**  
(vs. previous gen. MOHOC models)

**Mil Spec Cables & Ports**  
Direct connection to StreamCaster  
MANET radios via StreamCaster  
Primary Cable

**CurveLock Base**  
Designed to match helmet curvature,  
Velcro attachment (additional accessories  
and mount options available)



BLACK



MIL TAN



MIL GREEN

### CAMERA

IMAGE SENSOR	1/2.8" Color CMOS (back illuminated pixels for ultra-low light)
MIN. ILLUMINATION	0.006Lux @F2.0, 0.0002(DSS on) in visible light
OPTICS/LENS	Aperture F2.0, 120° Field of View
SCANNING SYSTEM	Progressive Scan
ELECTRONIC SHUTTER	50Hz : 1/25-25,600sec 60Hz : 1/30-1/30,000sec
LOW LIGHT	Auto adjustment for optimal imaging in low light environments
ROTATING LENS	Manually rotate lens up to 190° to capture horizontal video from any mounting position
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), Date & Time Display

### VIDEO STREAMING

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
BITRATE CONTROL	Off, VBR, CBR
NETWORK PROTOCOL	TCP/IP, UDP/IP, RTP, RTSP, RTCP, NTP, HTTP, DHCP, FTP, SMTP, DNS, DDNS, Onvif
ON SCREEN DISPLAY	Available Via Web Browser

### MECHANICAL

DIMENSIONS	80x41x32mm; 3.2"x1.6"x1.2"
WEIGHT	71g (2.5oz)
OPERATING TEMPERATURE	-10°C to +55°C
DURABILITY	2m (6.5ft) drop test
POWER CONSUMPTION	310 mA @ DC5V (max)
POWER REQUIREMENT	DC external power source (5V DC from StreamCaster)
CONNECTION	Direct Connection to StreamCaster PRI-port; Ethernet (data); 5V DC power

**SILVUS**  
TECHNOLOGIES [www.silvustechologies.com](http://www.silvustechologies.com)

The following notice applies to the sale, lease, or offer of this device other than for use by the United States Government or for export: This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained. Please contact Silvus for questions about the FCC approval status or requirements that pertain to this device including whether an FCC approved version is available. Exported devices are subject to the laws of the countries into which they are exported.

DISTRIBUTOR  
**Northwest UAV**  
A ROSA COMPANY  
11160 SW Durham Lane | McMinnville, OR 97128 USA  
+1 503.434.6845  
+1 503.217.6080  
customerservice@nwuav.com  
www.nwuav.com