



## 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.

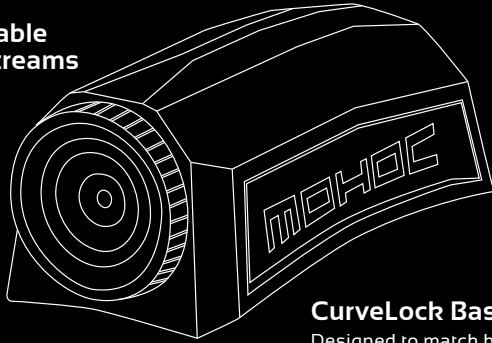
On-board sensors provide 20x improved low-light sensitivity than previous generation MOHOC models, with customizable video output streams (2x H.264; 1x MJPEG).

# 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)

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