

MOHOC

SILVUS
TECHNOLOGIES
a Motorola Solutions Company

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.

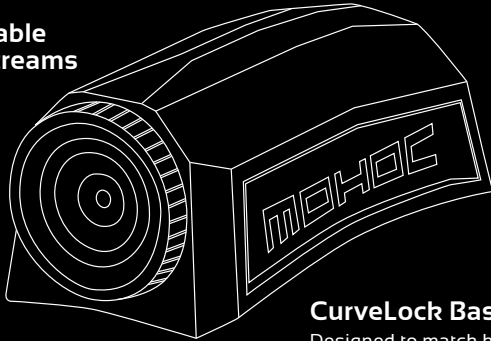
On-board sensors provide 20x improved low-light sensitivity than previous generation MOHOC models, with customizable video output streams (2x H.264; 1x MJPEG).

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 PRL-port; Ethernet (data); 5V DC power

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www.silvustechologies.com

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