

LightSpeed™ F10

Non-RF Free Space Optic Video and Control Link

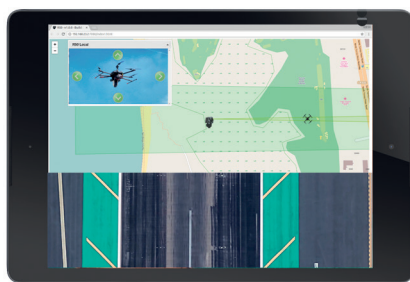


The LightSpeed™ F10 system provides an invisible infrared Ethernet link between ground station and UAS.

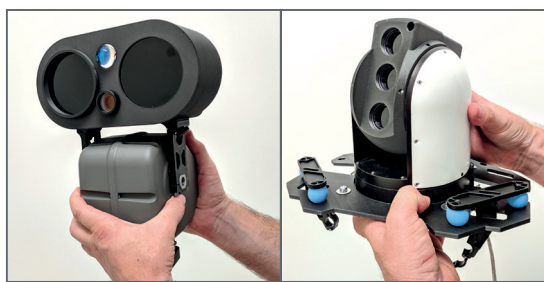
- Operates in RF denied/congested environment
- No spectrum license necessary to operate
- Low probability of detection
- Ground station fits in backpack and sets up in minutes
- Not susceptible to jamming or interference
- High-speed 10 Mbps Ethernet link
- Low power consumption from standard batteries
- Miniature and standard UAS payloads
- Utility for sports and news broadcasts
- Configurations for first responders and defense

Specifications

Ground Station Size	12 x 7 x 9 in
Ground Station Weight	15 lbs w/ tripod
Ground Station Power	30W @ 12VDC
Payload Size	6 x 6 x 9 in
Payload Weight	5 lbs
Payload Power	30W @ 12VDC
UAV Type	Mini payload: Small Class 1 Standard payload: Class 1+
Streaming Video Type	1920 x 1080 HD H265 IP Option 1: 4k UHD H265 Option 2: 1920 x 1080 HD thermal
Data Throughput	10 Mbps



Tablet control with video and GUI



Lightweight, man portable design

