Video/Control Link

Payload

Ground Station

Tablet control with video and GUI

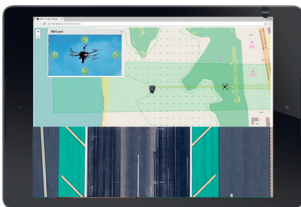Lightweight, man portable design

◯ LIGHT**SPEED** 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 10Mbps 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

Ground station size	12" x 7" x 9"
Ground station weight	15lbs. with tripod
Ground station power	30W @ 12VDC
Payload size	6" x 6" x 9"
Payload weight	5lbs.
Payload power	30W @ 12VDC
UAV type	Mini payload: Small Class 1 Standard payload: Class 1+
Streaming Video type	1920x1080 HD H265 IP Option 1: 4k UHD H265 Option 2: 1920x1080 HD thermal
Data throughput	10Mbps