



LOCAL

Operator can control the gimbal from inside the chosen vehicle

1

Simple network connection

4G HSDPA, WCDMA LINK

- EO video 388x288 > 5fps
- IR video 388x288 > 5fps
- Metadata @ 1hz via web database
- Email shapefile, maps & snapshots

DIRECT COFDM IP LINK

- HD EO video 1280x720 > 20fps
- IR video 640x480 > 30fps
- KLV Metadata @ 30hz
- MISB 0601
- > 42km LOS

All video and control over IP

video image accessible with cloud technology

DAYLIGHT/ELECTRO-OPTICAL

- Full HD 3x2.51 megapixel
- MOS progressive mode sensors
- 50-3 HFOV 12x zoom lens
- 60, 50, 30, 25, 24 P&I
- AVCHD CODEC SD Card
- 1920x1080
- 21Mbps

INFRA-RED

- Flir Tau 640x480
- 17µm pixel size
- 7.5 - 13.5µm spectral

2

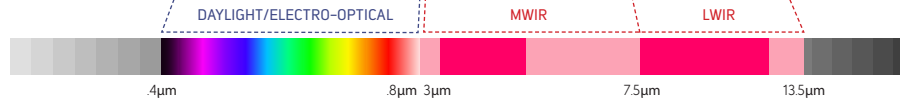
REMOTE

Operator can control the gimbal from the ground



3

User interface via web browser



LIVE VIDEO FEEDS
Interchangeable with main display (EO and IR sensors)

INTERACTIVE
Simply click or touch the object or region of interest to track

MARKERS TOOLBAR
Allows the user to mark critical positions with location



MISSION REVIEW
Replay your mission

SPATIAL INFORMATION
Aircraft height, pitch, roll, yaw, group speed and location, target height, range to target and location

MAIN TASK BAR
Displays live recordings/replay modes, Aircraft Position and Target Position, enable Image Stabilization, Object Tracking and GEO-Lock

MAIN DISPLAY
Bird's eye view of platform position, Field of View and location markers

MAPPING FEATURES

FILE FORMATS Multiple map support
Spatial vision
.jpeg / .jgw
.ecw

ELEVATION MODEL .hgt
.dem

COMPATIBLE WITH Google Earth

EXPORT FEATURES

COMMUNICATION Email
FTP
Direct IP Link

ESRI COMPATIBLE Shapefiles
Areas
Lines
Points

SCREENSHOTS Geo referenced map
Geo referenced markers
(Assoc. with jgw files for easy importing into existing mapping solutions)

SNAPSHOTS associated\KML\geofile

MAP TOOLS

DRAW Polylines, Markers & Areas

CONFIGURABLE Units
Display icons
Map overlays

CALCULATE Distance, Area, Perimeter

PAYLOADS

COMPATIBLE WITH Cineflex
UAVVision's suite of gimbals

TABLET STORAGE

LOCAL AND REMOTE Metadata, database storage
Video storage
Snapshot storage
ESRI shapefile storage