



FixView System FV-300 SERIES

FixView-FV300 next generation of multi-sensor surveillance system features the most advanced technology today. FV300 Series defines new standards on high performance airborne compact, non-ITAR HD stabilized imaging systems.

For Intelligence, Surveillance and Target Acquisition (ISTAR), Border Control, Aerial Support in Search and Rescue (SAR) operations, Law Enforcement, Early Warning and Assistance in Natural disasters, Traffic Monitoring, Fire Management and Control, Furtive Fishing, Aerial Survey.

MIL-STD-810F and RTCA DO-160 compliance.

Key Features

- Full-HD Color continuous Optical Zoom camera
- Full-HD Spotter camera
- Target detection
- Target tracking
- Picture in picture capability
- Geo location with moving maps (Split screen)
- ITAR-free exportable product
- Digital contrast enhancement
- 3G/4G video streaming and data link
- IR Large Format (640 x 512)
- Laser rangefinder 0.3 - 32.0 Km max (NATO 10Km)
- Laser pointer
- Upgradable architecture for extra sensors
- 4-axis active stabilization
- Integrated 6-axis passive isolation
- Searchlight integration



DRI (Detección, Reconocimiento e Identificación)

DAYLIGHT SENSOR



SPOTTER



IR SENSOR



Man Target: 1.8m x 0.5m
 VPoT (Vertical Pixel on Target)
 - Detection: VPoT 4
 - Recognition: VPoT 14
 - Identification: VPoT 30

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Gimbal

Weight	17 kg (37.5 lb)
Diameter	300mm (11.8")
Movement	Az/El 360° Continuous - 90°/s
System	4 axis, active gyro-stabilized
Stabilization	<5 µRad RMS (Fiber Optic Gyro)

Laser Pointer (Optional)

Type	Class 3B / 515nm
Output Power	100mw

Laser Rangefinder (Optional)

Type	Class 1 / 1.5µm
Range	0,5km - 32km (NATO 10km)
Divergence	0.35µRad

Display

OSD	Configurable
PIP	Picture in Picture
Metadata	KLV

Daylight Sensor / Low Light Function

Resolution	FullHD 1080p / 25fps
Enhancemet	Defog function
Zoom	Continuous 30x optical / 2-4x Digital
HFOV	63.7°Wide, 2.3°Narrow (Horizontal)
IR Filter	Removable
Sensitivity	0.01lux min.

Spotter Sensor

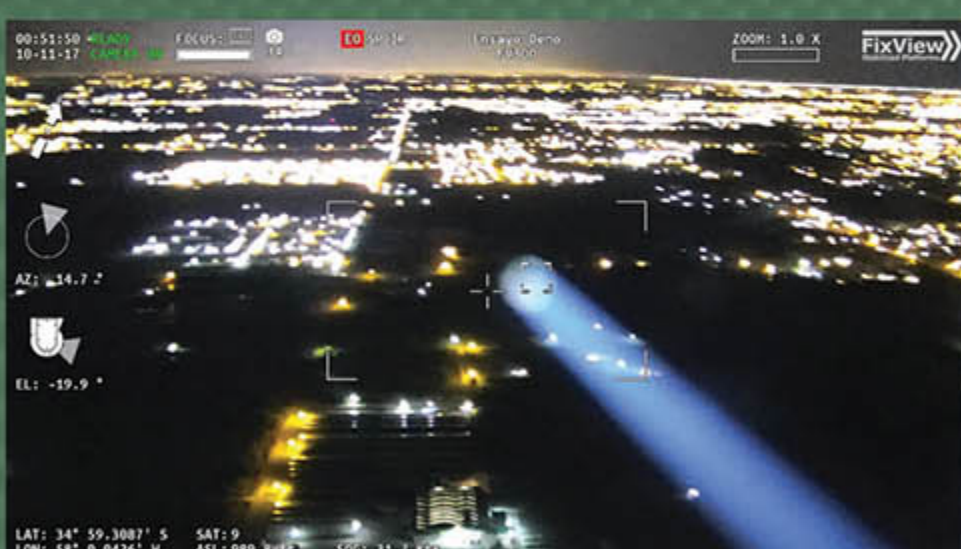
Resolution	FullHD 1080p
HFOV	0.68°

Thermal Sensor

Type	3-5µm MWIR array, Cooled
Resolution	640 x 512 / 25Hz.
Optical Zoom	18-275mm continuous zoom
FOV	WFOV: 30.6°(H) x 24.5°(V) NFOV: 2.05°(H) x 1.64°(V)
Pixel Size	15µm
Enhancement	Digital contrast

Power Requiements (Complete System)

18-36Vcd	100W (avg) / 180W (max with heaters on)
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