

VIDEOSCOUT®-GO

Rugged Handheld Processing, Exploitation, Dissemination (PED) Management System

VideoScout-GO is a handheld, next generation, Full-Motion Video (FMV) transceiver that provides expanded capabilities in the collection and management of Visual Intelligence (VI).

RUGGED, RELIABLE, REAL-TIME

VideoScout is a family of video PED management systems designed to capture, display, exploit, disseminate and manage critical video intelligence from a variety of manned and unmanned sensors. VideoScout-GO further expands the VideoScout family of systems by providing users with an environmentally protected, handheld, video exploitation and management system that alleviates the need for additional equipment. The key to VideoScout-GO's functional design is a fully integrated, night vision compliant, color display for real-time viewing and exploitation of Intelligence, Surveillance, and Reconnaissance (ISR) data and Target Acquisition.

VideoScout-GO's robust processing power provides superior management of both Standard Definition (SD) and High Definition (HD) information, which includes long-run Digital Video Recorder (DVR) controls over both live and archived video files. VideoScout-GO comes with L3Harris' Insyte®-GO FMV software to enrich the user's Situation Awareness (SA). All video and imagery files archived are compliant with prescribed motion imagery protocols to ensure that information is both sharable and relevant to the mission.

With VideoScout-GO, tactical end-users are now able to utilize live surveillance video from airborne, mobile, and fixed ground sensors, with greater control than ever before.

OPTIONAL ACCESSORIES

- > AC/DC power supply
- > Active cooling
- > Battery
- > CMOS camera, FLIR camera, commercial GPS and Wi-Fi attachment
- > Integrated Type-1 encryption module
- > Ku-band downlink antenna
- > M-Code receiver attachment
- > RX and TX antennas



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All-in-One Handheld Video Transceiver and PED Management System

KEY FEATURES

- > UHF, L, S, C-low, C-high, Ku-low, and Ku-high band transceiver for video and metadata reception and transmission
- > 4" sunlight-readable high-resolution display for immediate viewing of actionable intelligence with day or night mode back light and touch screen
- > Support for analog and digital video waveforms with metadata processing for Situational Awareness
- > Video input and output ports for maximum interoperability with existing and future systems
- > Integrated DVR provides snapshots, clips, forward / rewind and pause for live and post-mission analysis
- > Compatible with both AN/PRC-148 and AN/PRC-152 batteries to simplify logistics and portability (hot swappable)
- > Lightweight and shaped to fit comfortably in one hand to minimize fatigue
- > AES encryption

SPECIFICATIONS

FUNCTIONAL

- > Texas Instruments Sitara ARM processor
- > 32 GB flash memory
- > 4 GB DDR3L RAM
- > Removable solid state drive with up to 512 GB of storage
- > 4" sunlight readable/NVIS compatible 480 x 800 pixel resolution display
- > Integrated touch screen with captive stylus
- > 13 back-lit function keys
- > 4 status indicators
- > Video decoding/encoding: H.264, H.265, MPEG-2, MPEG-4, NTSC, PAL

PHYSICAL

- > Size: 7.7" (h) x 3.1" (w) x 2.4" (d), excluding accessories
- > Weight: 2.7 pounds, excluding accessories

INTERFACES

- > Key fill (DS-101)
- > Receive and transmit antenna connectors (TNC Female)
- > Backpack
- > I/O
 - Ethernet (10/100 Base-T)
 - Headset (microphone and speaker)
 - Serial (RS-232)
 - USB (2.0 compatible)
 - Video input (NTSC/PAL and HD-SDI)
 - Video output (HDMI)
- > Battery power
- > External power (6 - 34 VDC)

BANDS

FREQUENCY BAND	UHF	L	S	C	KU
Function	Rx	Rx/TX	Rx/Tx	Rx	Rx*
Frequency	225 to 512 MHz	1.625 to 1.85 GHz	2.025 to 2.11 GHz 2.20 to 2.50 GHz	4.40 to 4.95 GHz 5.25 to 5.85 GHz	14.40 to 14.83 GHz 15.15 to 15.35 GHz

* With optional Ku downlink antenna

TRANSCIEVER

WAVEFORM	BE-CDL MODES 1-6, 9-11, 101-105 (UP TO 10 MBPS)	CDL (2.0, 10.71 MBPS)	DDL	DVB-T	FM ANALOG	IW (UP TO 10 MBPS)	TACTICAL (1.6, 3.2, 6.4 MBPS)	TACTICAL BR-455	TACTICAL BR-466ER	VNW
Frequency Band	UHF	Rx	Rx			Rx	Rx		Rx	Rx
	L	Rx/Tx	Rx	Rx	Rx	Rx	Rx/Tx		Rx	Rx (0.05-5 Mbps) Tx (5 Mbps)
	S	Rx/Tx	Rx	Rx	Rx	Rx	Rx/Tx		Rx	Rx (0.05-5 Mbps) Tx (5 Mbps)
	C	Rx	Rx		Rx	Rx	Rx	Rx	Rx	Rx
	Ku	Rx	Rx				Rx		Rx	Rx
Encryption	AES	X (only modes 1-6, 9-11)	X	X		X	X		X	X
	Type-1	X	X				X		X	X

VIDEOSCOUT-GO (PN: 700-7700-00X)

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ENVIRONMENTAL

Altitude (Storage)	MIL-STD-810H, Method 500.6, Proc I, 40,000 ft
Altitude (Operating)	MIL-STD-810H, Method 500.6, Proc II, 20,000 ft
Temperature (Storage)	MIL-STD-810H, Method 501.7, 502.7, Proc I, -40C to +85C
Temperature (Operating)	MIL-STD-810H, Method 501.7, 502.7, Proc II, -20C to +55C
Temperature Shock	MIL-STD-810H, Method 503.7, Proc 1-C, -40C to +85C
Rain	MIL-STD-810H, Method 506.6, Proc I
Humidity	MIL-STD-810H, Method 507.6, Proc II
Fungus	MIL-STD-810H, Method 508.8, Annex B
Salt Fog	MIL-STD-810H, Method 509.7
Dust and Sand	MIL-STD-810H, Method 510.7, Proc I, Proc II
Vibration (Operating)	MIL-STD-810H, Method 514.8, Proc I, Cat 24
Shock (Functional)	MIL-STD-810H, Method 516.8, Proc I, 20g, 11ms
Shock (Transit Drop)	MIL-STD-810H, Method 516.8, Proc IV,
Conducted Emissions	MIL-STD-461G, CE102
Conducted Susceptibility	MIL-STD-461G, CS101, CS114, CS115, CS116
Electrostatic Discharge	MIL-STD-461G, CS118, Table VIII, Level 3
Radiated Emissions	MIL-STD-461G, RE102
Radiated Susceptibility	MIL-STD-461G, RS103
TEMPEST	NSTISSAM TEMPEST/1-92



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1025 W. NASA Boulevard
Melbourne, FL 32919
t 833 537 6837
CSW.Products@L3Harris.com