

PRODUCT DESCRIPTION

The L3Harris BANDIT 2x tri-band transceiver is a small, lightweight and low-power digital transceiver that provides wideband data link capability adaptable to a wide variety of applications. It delivers real-time, IP-based, full-motion digital video for situational awareness, targeting, battle damage assessment, surveillance, video broadcast, remote sensors, convoy operations and other situations where high resolution video is

Low-cost, lightweight, wideband data link all-in-one digital transceiver

Low cost and low SWaP

Digital video and data routing
and relay capability

Symmetric digital data rates
up to 42 Mbps

FIPS 197 AES encryption
(available option)

Ethernet interfaces for imagery
and data transmission

Small, ruggedized, all-in-one
system—internal amplifier for
each band

Configurable L- S- or C-Band
operation for either transmit
or receive

Interoperable with a wide range of
products that support commercial
and proprietary waveforms

H.264 Video Encode (NTSC/PAL)

SPECIFICATIONS

PERFORMANCE CHARACTERISTICS

RF

> Transmit (TX) and Receive (RX) bands (simultaneously uses one band for TX and the other band for RX):

- L-Band: 1,350 MHz to 1,390 MHz, 1,755 MHz to 1,850 MHz, 1 KHz steps
- S-Band: 2,025 MHz to 2,500 MHz, 1 KHz steps
- C-Band Low: 4,400 MHz to 4,990 MHz, 1 KHz steps

Networking

- > IPv4/IPv6
- > Layer 2 switching or Layer 3 routing
- > DHCP server

External or User Interfaces

- > RS-232 (qty. 1)
- >
- >

Encryption

- > FIPS 197 AES (available option)

Waveforms

- > IW (0.75, 1.5, 3.0, 6.0, 12.0, 24.0, and 42.0 Mbps)

¹ AES may be export controlled or restricted

BANDIT 2x—Miniature Tri-Band Transceiver

© 2021 L3Harris Technologies, Inc. | 07/2021 | BCS | 18-DSD-197 | Rev-202

These item(s)/data have been reviewed in accordance with the International Traffic in Arms Regulations (ITAR), 22 CFR part 120.11, and the Export Administration Regulations (EAR), 15 CFR 734(3)(b)(3), and may be released without export restrictions.

L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.

t 833 537 6837
CSW.Products@L3Harris.com