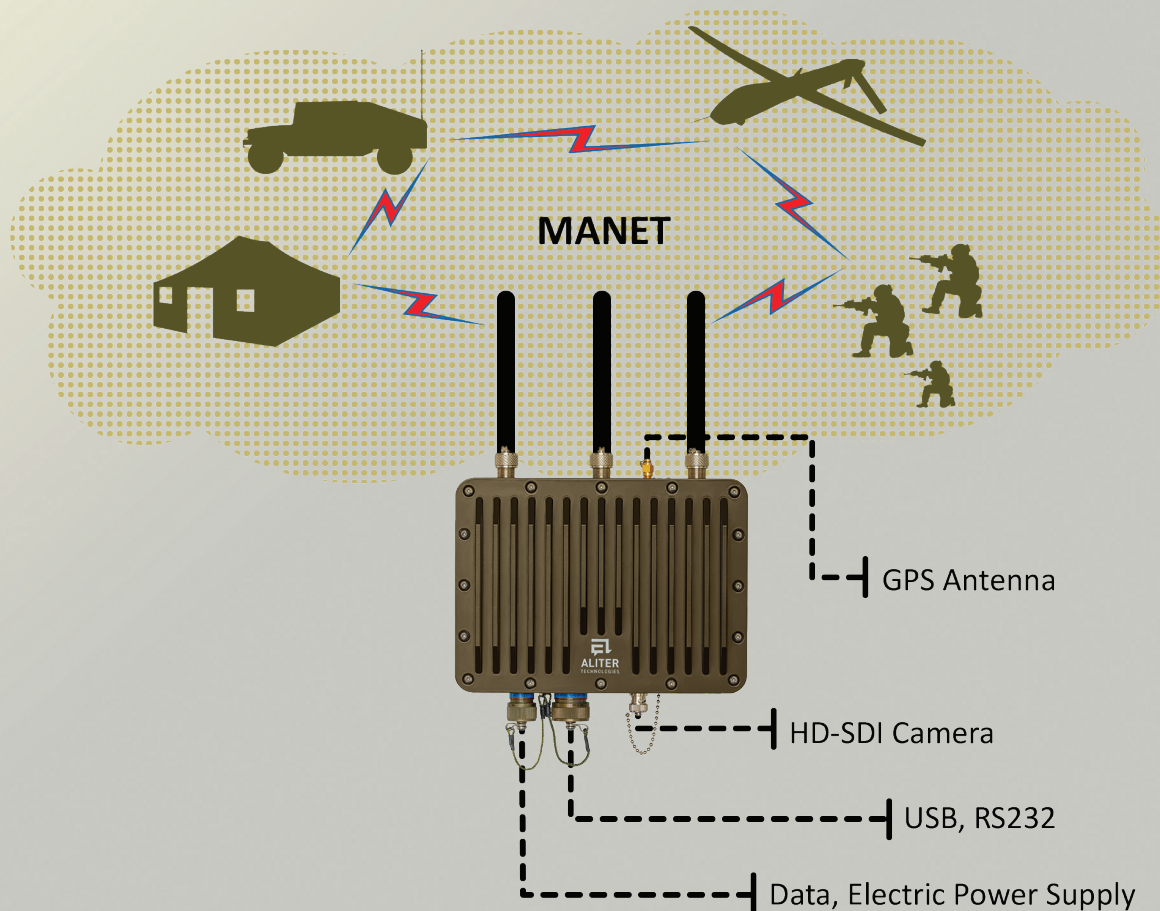




B2R
MANET IP RADIO

HIGH SPEED RADIO COMMUNICATION
FOR TACTICAL UNITS



B2R (AT23703) - INTERFACES

Usage

- high speed transfer of video, data, voice and position
- in rapidly deployable and highly mobile tactical units
- in extreme weather and climate conditions

Features

- Mobile Ad Hoc Networking (MANET) radio with 3x3 MIMO
- Wave Relay® compatible (optional integration of other radio technology)
- frequency range: 1.35 GHz – 1.39 GHz (L-Band) or 2.2 GHz – 2.5 GHz (S-Band)
- RF modulation: OFDM
- built-in GPS receiver with support of CoT
- built-in video streamer with an option to connect an analog camera
- CTR-AES-256, HMAC SHA-256 hardware encryption
- advanced IP multicast algorithm
- remote management and configuration of the radio via WEB
- bit rate: up to 150 Mbps (20 MHz channel bandwidth)
- passive cooling
- dimensions: 218 x 215 x 70 (d x w x h mm)
- weight: 2.9 kg
- el. power supply: PoE ultra (IEEE 802.3 at)



Aliter Technologies, Inc.
77 Bloor St W, Suite 600
Toronto, ON, M5S 1M2
Canada

Tel.: +1 647 479 6859
E-mail: aliter-ca@aliter.com
Web: www.aliter.com