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AT23702 MANET IP RADIO – INTERFACES

• 3x3 MIMO Mobile Ad Hoc Networking (MANET) radio
• „peer-to-peer“ communication without a need for a control/base station
• frequency range: 1.35 GHz – 1.39 GHz (L-Band) or 2.2 GHz – 2.5 GHz (S-Band)
• maximum output of RF power: 6 W
• built-in video encoder with an option to connect an analog camera
• RF modulation: OFDM
• channel bandwidth: 5, 10 and 20 MHz, software configurable

• bit rate: up to 150 Mbps (20 MHz channel bandwidth)
• interfaces: 1x indoor unit (el. power, Ethernet, Audio, Management), 3x radio antenna, 1x GPS antenna, 1x analog camera, 1x AUX connector
• CTR-AES-256 encryption, SHA-256 HMAC
• MIL-STD compliant
• passive cooling
• dimensions: 255 x 275 x 70 (d x w x h mm)
• weight: 4.1 kg
• power supply: PoE ultra (IEEE 802.3 at)

Usage

• to increase the common operational picture of the battlefield
• in stationary and mobile radio networks
• high speed transfer of video, data, voice and position
• in extreme weather and climate conditions

Features