

AVIS

Analog Vehicle Intercom System

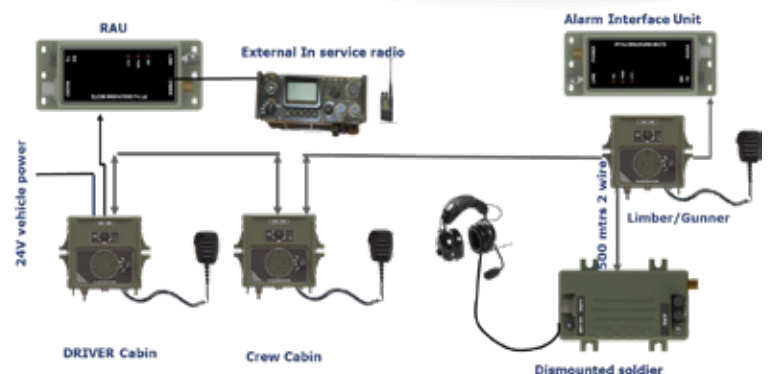
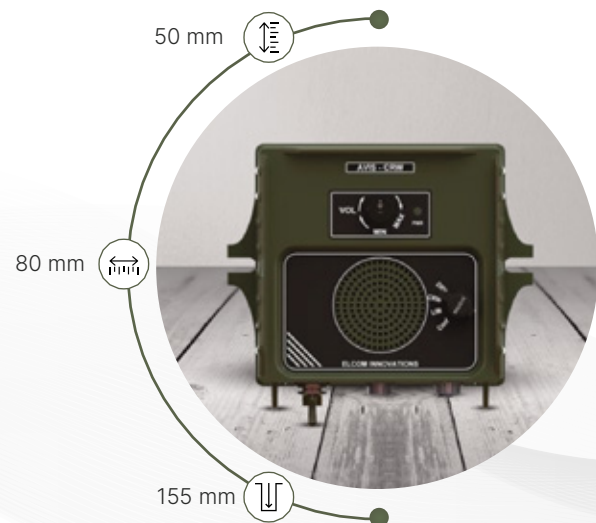
AVIS is a ruggedized, highly reliable, robust, user friendly, easy to 'install and use' standalone vehicle intercom broadcast system with provision of in-service radio connectivity. Designed and tested to MIL Standard specifications, AVIS interoperates with tactical and commercial radios. This allows crew members to communicate with dismounted soldiers and other vehicles or command centers through V/UHF communication. AVIS is used in noisy/battlefield environments and supports Passive Noise Cancelling (PNC) headsets.

APPLICATION

- Designed to meet specialist vehicle crew communication requirements.
- Best suited for HMV, GTV, APC, ARV, QRFV, LAMV AFV, Military Ambulance and Emergency Services Vehicle.

FUNCTIONALITY AND FEATURES

- Cost effective, modular and scalable
- Supports up to 3 crew units, 1 In-service Radio connectivity and upto 8 alarm interfaces
- Selection knob for one-to-one talk and group talk
- Radio connectivity using Radio Adapter Unit
- Alarm connectivity using Alarm Interface Unit
- Operates using Vehicle Battery Power
- Nodes can be powered individually



- Monaural PNC headsets
- Dual PTT fist mic for Intercom and Radio access
- Alarms with independent tone for 3 categories on speaker/headset with acknowledgement button
- Socket for dismounted soldier/ground crew/ wired vehicle to vehicle connectivity
- Individual volume control for crew speaker
- Low power consumption by use of high efficiency power circuit and control circuits

APPLICATIONS : TOWING VEHICLE

Typical Application involved troop movement, Gun towing vehicle. AVIS is powered using the vehicle battery source. Typical deployment involves 3 numbers of Crew Units with FIST MIC, 1 RAU to connect one number of In-Service Radio, Alarm Interface Unit and Infantry socket to connect wired dismounted soldier or to extend the Intercom facility as night parking facility

Power Supply

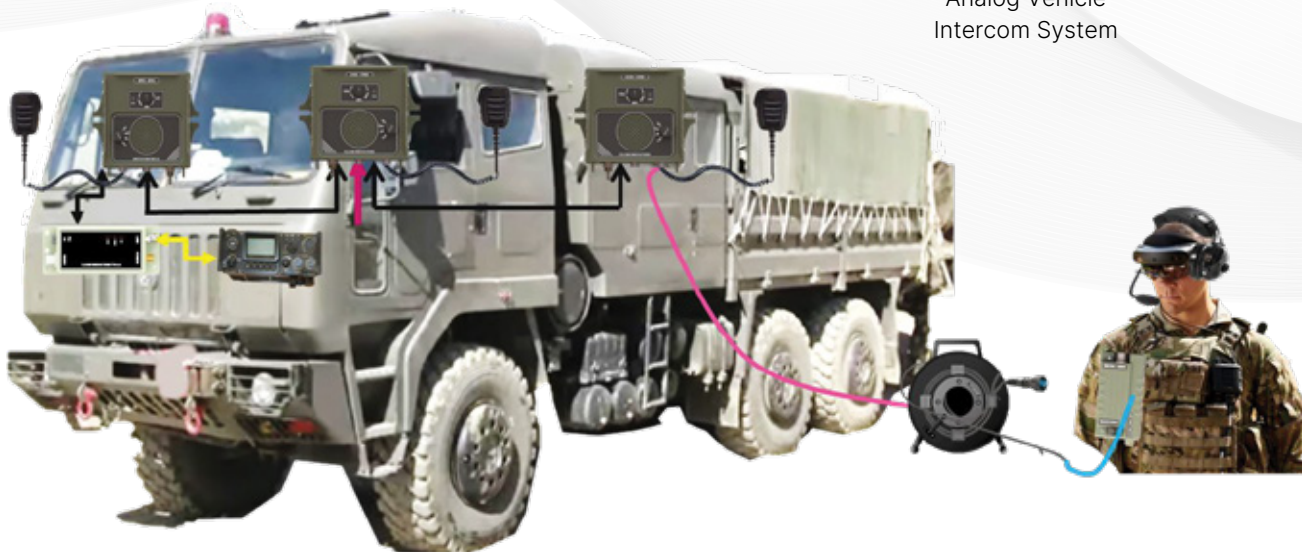
- DC input : Nominal- 24V DC (12/36V DC)
- Input power : 10W per unit (Typical)

Environmental Compliance

- Operating Temp. : -30°C to +60°C
- Relative humidity : 0 - 95 %
- EMI/EMC : MIL-STD-461E
- Ruggedization : MIL-STD-810G/ JSS 55555



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This publication is not to be regarded as a complete system specification, or to be used as a contract document.

We reserve the right to change the design or specifications without prior notice.