



ATM Communication Module KOM

The ATM Communication Module **KOM** is designed for use under extreme ambient conditions as well as for weapon carriers where space conditions are extremely restricted. The Communication Module **KOM** is suited for armored tracked and combat vehicles.

The ATM Communication Module **KOM** connects a Tactical PC, Workstation or Tactical Display system via the serial RS232 port with up to two Tactical Radios, by using the voice channel of the Tactical Radios.

The ATM Communication Module **KOM** comes with two independently operating modems. The radio communication protocol is based on the error resistant AX.25 protocol.

Communication between the tactical host computer system, e.g. the Battle Management Computer, and the ATM Communication Module **KOM** is done easily by using ATM's Communication Software Package, consisting of a SMTP-Server-Software, the AX-Protocol and necessary drivers. The SMTP-Server is acting as the application access point.

The ATM Communication Module Software is available under Windows 2000. Other operating systems on request.

The parameters of up to 16 different Tactical Radios can be stored in the local non volatile database of the ATM communication Module **KOM**.

The identification of the radio type is done by dedicated radio cables. Voice communication over the connected Tactical Radios is still possible by connecting a headset to the ATM Communication Module **KOM**.

- > **Cabinet**
Aluminum housing,
protected according to IP 54
- > **Voltage:**
10 to 32 VDC
- > **Weight/size in mm**
 - Approx. 2,5 kg
 - Approx. 160 x 85 x 260 (W x H x D)
 - earth stub 9 mm over chassis
- > **Sand/Dust**
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- > **Environmental Temperature**
 - Operation: -35° C to +63° C,
 - Storage: -40° C to +85° C,
- > **Vibration**
 - Operation: 60 Hz to 400 Hz: 1,5g
 - 400 Hz to 2000 Hz: 1,0g
 - 180 Hz to 250 Hz: 2,5g
- > **Shock**
 - Operation:
 - 500g ± 50g, for 0,5 ms

Modem:

Modulation: AFSK

Frequency: 1200 / 2200 Hz
acc. BELL202

Baudrate: 1200 Bit/s

ATM
Tec-Knowledge®

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