



MESIT



VICM 200 COMBAT Intercom System

Clear communication is an essential component of any successful combat mission. Our digital Intercom System provides reliable communication in hazardous situations with high levels of noise.



- Up to 26 crew members
- Up to 6 vehicle radios
- Easy installation and use
- Supports ANR headsets
- Digital speech processing
- Highly intelligible communication in noisy environments
- Wireless communication with ground troops
- Automatic retransmission between radios
- Processes signals from battle management systems (BMS) and vehicle sensors
- Built-In-Test
- Software defined parameters and configurations
- Potential for expansion

Combat proven solution for military and police vehicles

VICM 200 COMBAT Intercom System

The VICM 200 COMBAT is a reliable, easy to use digital Intercom System whose operation requires minimal training. Its key technical features can be managed via a PC or phone application, allowing for a simple integration with a broad range of Combat Net Radios (CNR) and personal headsets. ANR headsets are supported.

CORE UNIT

The heart of the system is the Central Communication Unit (CCU). Other system units (BCU, ADI, REU, WSCU) are connected to the CCU in a star network topology.

VICM 201
Central Communication Unit (CCU)



Two (ANR) headsets with full access to the intercom; CNRs can also be connected to the CCU. The unit is designed to connect two senior crew members with two top-priority, galvanically isolated CNRs.

MAIN UNITS

VICM 202
Basic Communication Unit (BCU)



Two (ANR) headsets can be connected to this unit, providing full access to the intercom and CNRs, with independent volume control for crew members.

VICM 205
Intercom Communication Unit (ICU)



Three (ANR) crew members can be connected to the ICU with access to the intercom. Crew members connected to the ICU can also monitor CNRs.

VICM 207
Loudspeaker Unit (LU)



Rugged loudspeaker for loud reproduction of the intercom, CNR and warning signals.

VICM 107- amplified loudspeaker

VICM 207- unamplified loudspeaker

EXTENSION UNITS

VICM 120
Wireless Segment Control Unit (WSCU)

Dismounted soldiers can maintain communication with vehicle crews. Soldiers have access to all CNRs. A wide range of personal radios is supported.



VICM 208
Audio & Data Interface (ADI)

ADI processes signals from the BMS, Ethernet and audio interface or vehicle sensors and generates warning messages. It can also record intercom and CNR communication.



VICM 203
Radio Extension Unit (REU)

The REU extends the Intercom System by a further two to four CNRs.



VICM 212
Field Telephone Interface (FTI)

The FTI provides an interface for two-wire field telephones.



ACCESSORIES

M10(A)/M20(A)
Personal Headsets

A broad range of personal headsets is supported, including ANR, TTC etc.



VICM 209
Personal Communication Interface (PCI)

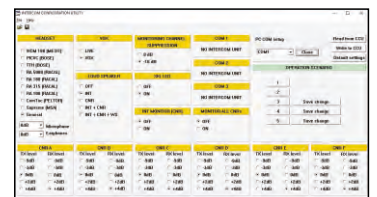
The PCI makes soldiers' lives easier during dismounted operations, allowing for the use of soldier-to-control intercom, CNRs and peripheries such as personal radios.

TECHNICAL PARAMETERS

Power supply	9 to 40 V DC
Operating temperature	-40 to +71 °C
Environment	MIL-STD-461F, MIL-STD-810G

CONFIGURATION

System is fully configurable via PC or phone.



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