

GESCOM VCS

Vehicular Communication System

The most complete family
of **Software Defined VCS**
and **Intercom Systems**

Designed to enable basic intercom
functionality between vehicles
connected remotely



MODEL:
TCM

RFE
RF ESPAÑOLA

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FEATURES

DATA

The equipment enables voice and data communications between different remote GESCOM VCS systems
Supports point-to-point or ring configuration

INTERCOM

The equipment enables basic intercom functionality between systems deployed remotely
For example, the basic intercom of a vehicle equipped with a TSM can be connected to the basic intercom of another vehicle also equipped with a TSM

REMOTE CONNECTIONS

This crew box enables the connection of:
- Crew boxes: Can be remotely connected to a command post or a location several hundred meters away from the vehicle
- Other vehicles: The basic intercom systems of different vehicles can be interconnected as if they were a single system. Supports point-to-point or ring configurations
The connection range can reach up to 2 km

INTERFACES

The equipment features the following interfaces:
1 power ON-OFF switch
1 power connector
1 local LAN connector (supports passive PoE 24VDC for connection to the TSM)
4 "Binding Post" connectors for point-to-point and ring connections
1 LAN connector for a remote location

TECHNICAL PARAMETERS

DIMENSIONS	230 x 74 x 250 (mm) (WxHxD)
WEIGHT	Maximum 3 Kg
MATERIAL	Aluminum 5083
TREATMENT	Anodized, antifungal, salt spray and EMI
COLOR	Matte Black (customization for other colors)
POWER SUPPLY	9-40 VDC TCM also supports passive PoE 24VDC provided by the tactical switch TSM
CONSUMPTION	Maximum 12W
STANDARDS	Environmental: MIL-STD-810 / Power supply: STD-MIL-1275E
TEMPERATURE	Storage and operation according to MIL-STD-810G, Methods 501 and 502

P/N

TCM (TACTICAL CONNECTION MODULE)	RFE-TCM-301
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ASSOCIATED CABLING

ITEMS	VARIOUS FINISHES
VDC CABLE	Pigtail (if 24VDC passive PoE is not used) Variable length according to need
LAN CABLES	LAN cable with 24VDC passive PoE included for connection to the TSM Standard LAN cable if using a vehicle power supply cable Variable length as required
2 WIRES	2-wire reel for connection between TCM units Variable length as required

Intercom

Enables basic intercom functionality between remote nodes and other systems equipped with TCM and TSM



REMOTE LAN NETWORK

Allows a remote LAN network to be connected to the TSM unit



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