

GESCOM VCS

Vehicular Communication System

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

Designed to **provide basic intercom functionality, as well as WiFi wireless connectivity**, for a wide range of vehicles, platforms, and configurations.



MODEL:
TSM

FEATURES

DATA	Layer 2 (L2) Ethernet switch with 7 wired LAN ports and 2 WiFi connections
INTERCOM	Provides basic intercom functionality without the need of a central GESCOM VCS server Compatible with the advanced intercom features provided by GESCOM VCS routers Enables the connection of wireless crew boxes (G1) via WiFi Allows wired connection of any crew box and auxiliary elements from the GESCOM VCS family (RAU, ARAU, ATSS, and TCM)
INTERFACES	1 LAN port for general connection and/or configuration 1 LAN port for connection to a GESCOM VCS router 2 antenna connectors for WiFi 1 VDC connector 1 power switch 2 WiFi network operation switches 7 wired LAN ports (passive PoE, 24VDC line)
CREW BOXES	Supports the connection of any crew box and auxiliary elements from the GESCOM VCS family (ARAU, RAU, ATSS, and TCM)
LAN	7 copper LAN ports (supporting passive PoE, 24VDC line) 2 WiFi ports (independent SSIDs or a single network) Supports link aggregation and 802.1Q VLAN
MHI	Through a WEB interface
COMPATIBILITY	C2 systems: BMS, TALOS, ATAK Integration with Type 1 radios

CONFIGURATION:

The complete system can be configured through a Tablet/PC and a web page.



TECHNICAL PARAMETERS

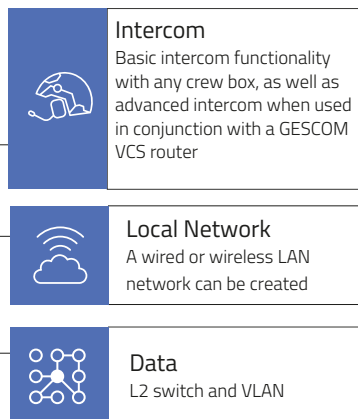
DIMENSIONS	180 x 78 x 160 (mm) (WxHxD)
WEIGHT	Maximum 1,8 Kg.
MATERIAL	Aluminum 5083
TREATMENT	Anodized, antifungal, salt spray and EMI
COLOR	Matte Black (customization for other colors)
POWER SUPPLY	9-40 VDC
CONSUMPTION	Maximum 220W (with 7 devices connected and 2 WiFi networks ON)
STANDARDS	Environmental: MIL-STD-810 / Power supply: STD-MIL-1275E
TEMPERATURE	Storage and operation according to MIL-STD-810G, Methods 501 and 502

P/N

TSM (TACTICAL SWITCH MODULE)	RFE-TSM-301
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ASSOCIATED CABLING

ITEMS	VARIOUS FINISHES
LAN CABLES	Special cable for direct connection to a GESCOM VCS router LAN cable with RJ45 connector (non-PoE) LAN cabling with PoE (passive 24VDC line) or non-PoE, depending on requirements, for connection to other crew boxes and auxiliary equipment Variable length as required
VDC CABLE	Pigtail Variable length according to need



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