

VICM120 - Wireless interface unit



PN (RN): 2349.100.01

The VICM120 wireless interface unit operating in 2.4 GHz band is part of VICM100 and VICM200 digital communication systems for military vehicles (manufactured by MESIT přístroje spol. s r. o.). Within these systems, it provides connection between the vehicle crew and a dismantled troops equipped with PR20 personal role radios. The unit is designed to be installed in all types of wheeled and tracked vehicles. Independent operation of VICM120 unit is not possible.

Operating features

- voice communication in a group of PR20 network users,
- USB programming,
- up to four VHF transceivers connected to the VICM system can be used,
- simple operation,
- 4 presets.

Technical parameters

Frequency range	2400.0 MHz to 2483.5 MHz
Modulation type	OFDM, frequency and time hopping
Number of channels	8 (optional 256)
Number of presets	4
Transmission power	max. 100 mW +0/-6 dB EIRP
Receiver noise number	max. 4 dB
Nominal supply voltage	28 V
Limit supply voltage	min. 14 V max. 35 V
Current consumption (at 28 V)	max. 0.09 A
Operating temperature	-35 °C to +60 °C
Storing temperature	-40 °C to +70 °C
Maximum dimensions (without installation elements)	W 157 mm x H 56 mm x D 94 mm
Transceiver weight	max. 1 kg
Immersion	1 m

Accessories

Vehicle antenna 2.4 GHz	(2036.100.33)
Antenna cable	(1050.430.30)
Vehicle antenna 2.4 GHz 0.8 m	(2036.100.81)
Dual vehicle antenna 2.4 GHz 0.9 m	(2036.100.82)
Antenna cable	(1050.436.xx*)
Antenna cable	(1050.430.xx*)
Radio data expander	RDE20 - (2360.100.01)
Data cable with CD	(1050.297.01)
VICM120 cable VKD-307	(202800003002**)
System cable VLD-1XX***	(205800002YYY***)
PROCON configuration program with cable	(2350.600.01)

Set

Wireless interface unit set VICM120 - (2349.000.02)

Documentation

VICM120 operating instructions 2349.010.02