



Multipurpose Traffic Communicator

Features

- SDR (KAR) , Short Distance Radio
- GSM/GPRS/3G/4G modem
- GPS receiver
- HDMI interface
- 2 USB port
- Wide input DC power supply
- Diagnostic LED on front panel
- Ethernet interface
- Ethernet link and activity indicator
- Software downloadable
- Robust aluminium case
- Easy installation and maintainability



Description

The Multipurpose Traffic Communicator is a multipurpose device for transmitting and receiving Short Distance Messages. This unit is able to convert bi-directional communication between multiple standards and protocols.

Applications

Vehicle Module for Talking Traffic applications.
On Board Unit (OBU) for customer specific applications.
Controller for Dynamic Closure and Traffic Light Controller applications.
ITxPT enabled KAR (SDR) device with M12-D type connector.



Data sheet

PT-MPTC

Your partner in automation

Technical Specifications

PROCESSOR BOARD	:	1x	Processor: Quad Core ARMv8, 1.2 GHz, Memory: 1GB DDR Storage: 4GB eMMC OS : Linux
SERIAL INTERFACES	:	1x	Ethernet 10/100 Base-T, RJ45 or M12-D type.
	:	2x	USB
WIRELESS INTERFACES	:		GPS, 16 channel receiver
	:		GPRS/4G modem
	:		SDR modem, Short Distance Radio
DISPLAY INTERFACE	:		HDMI Standard compatible
MECHANICAL			
Height	:		52 mm
Width	:		169 mm
Depth	:		150 mm
Connectors	:		Frontside and Backside
ENVIRONMENTAL CONDITIONS			
Max. operating relative humidity	:		90 %, no condensation
Operating temperature	:		-25 °C – + 55 °C
Power supply requirements	:		9 - 30 VDC, 5A max.
WARRANTY	:		2 year

Design and manufacturing of computer systems for industry and science