KBOX-ETH

SMARTMICRO RADAR INTEGRATION



The Kbox has been developed to add value to the smartmicro sensors. It is compatible with all the range of smartmicro radars. The radar is connected to the Kbox using Ethernet wiring and a second Ethernet port is used to access the value added data. The radar configuration is done with TrafficUI as usual. The Kbox embed a web server for its configuration. The Kbox has been designed with state of the art technologies

FEATURES

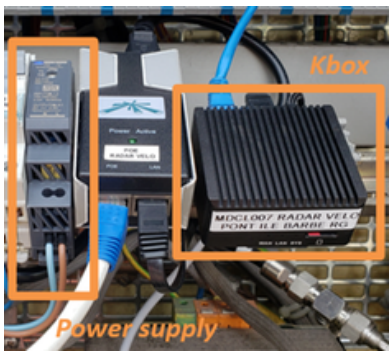
The Kbox has the following features:

- Manage radar UDP alive discovery protocol.
- Provide native TCP/UDP communication compatible with all networks.
- Clock synchronization using NTP.
- Process, filter and optimize radar data streams.
- Store radar data in a local database.
- Query local database using a RESTful API.
- Monitor radar orientations.
- Stream TRUGRD video using RTSP standard.
- Customized addons: VMS, signaling,...

The Kbox is based on a modern embedded Linux. Additional features can be developed by Karrus for value added applications. Please contact us for a quotation for specific developments.

INSTALLATION

The Kbox easily installs in any cabinet using DIN rail mounting. It is shipped with its power supply.



ENVIRONMENT

Size	60 x 60 x 30 mm.
Weight	180g.
Mounting	Rail DIN.
Power	12/24 VDC. 110/230 VAC in option.
Consumption	1.5W
Temperature	-40/+85 °C
Norms	RED 2014/53/EU RoHS 2011/65/EU EC 1907/2006 REACH

COMMUNICATION

Ethernet	2x IP ports : •1 for radar. •1 for remote.
USB	1x USB port for additional features: •Bluetooth scanner. •Wifi. •Additional storage.

OPTION

A Bluetooth scanner can be added to the Kbox.
This optional feature is used to compute:

- Travel times.
- Origin/Destination matrices.

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