Radar Vision

STUTTGART™
M32 ITS field controller

The Stuttgart M32 Controller is a Data Logger, Programmable Controller and RTU in a single package with many applications in Automation, Surveillance and Intelligent Traffic Systems.

It also comes standard with a various protocol translation modules that eliminate the need for additional software.

APPLICATIONS

- o   ITS NTCIP translator
- o   Traffic Data logger
- o   Surveillance controller
- o   Parking sign driver

KEY FEATURES

- o   High reliability embedded processor
- o   4D Radar controller and logger
- o   Video detection controller and logger
- o   Magnetometer detector and logger
- o   Bluetooth travel time estimation
- o   Wireless data extender
- o   Traffic Signal Priority Receiver

ARTIFICIAL
INTELLIGENCE
REDEFINED

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flexible solutions for TRAFFIC

ENGINEERING EXCELLENCE

STUTTGART™ ITS Controller

FEATURES

- Ethernet with web interface
- Composite USB device and translator
- Integrated radio modem (433/868/915 Mhz)
- Integrated Bluetooth 5 modem
- Integrated Cellular Modem
- 2 * RS485 ports
- 2 * CAN 2.0B ports
- 2 * RS232 ports
- 16 * Digital Inputs/16 Digital Outputs
- 8 * Analog Inputs with Thermocouple excitation
- Real-time clock with battery backup
- Built-in logger with Secure Digital® card
- Graphing LCD display with user menus

TECHNICAL SPECIFICATIONS

Characteristic	Min	Max	Units
Storage Temperature	-25	105	ºC
Operating Temperature	-20	70	ºC
Power Supply	10	30	V
Power Consumption	1.2	4.1	W
Digital Outputs	0.1	3	A
Digital Inputs	0	30	V
Analog Inputs	0	30	V
Resolution		16	bits
Impedance	0.7	22	MΩ
Programmable Gain	2/3	16	
Bluetooth Radio		10.5	dBm
RS485	-7	12	V
RS232	-25	25	V