

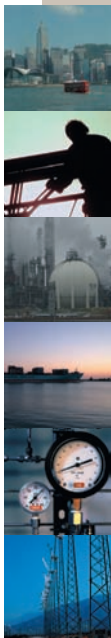


## Stable, powerful and versatile

The Maestro Industrial 10 is a GPRS Remote Terminal Unit (RTU) for industrial environment offering two SIM slots for automatic network failover and data logging SD card slot.

Fully programmable inputs, timers, counters and alarms provide a very powerful control tool and future-proof solution for industrial applications in the telemetry, SCADA, security, farming, home and office automation industries.

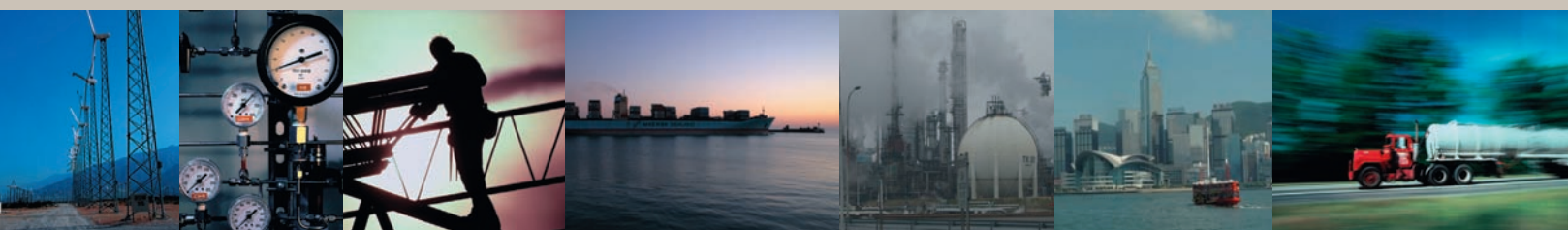
## Features



- RS232 and RS485 Serial Ports
- 4 Digital Inputs, 2 Analog Inputs
- 2 Relay Outputs
- Server or Client mode
- SMS/GPRS alarms
- Audio Interface
- Expansion port for extra I/O
- Dual SIM card
- Data logging card slot

## Ultimate in Stability

Telemetry users know that their devices are often in remote or inaccessible areas. The last thing they can afford is continuously visit sites to reset devices. By using proven and patented technology, MI-10 is kept alive in the most adverse field conditions.



TECHNOLOGY	
GSM	Quadband
GPRS	Class 10
TCP/IP	✓

FUNCTIONAL FEATURES	
Programmability	Proprietary script
AT command set (GSM 07.05 and 07.07 and Wavecom)	>300
Modem status autocheck	✓
Autorestore - timer reset	✓
Modbus Support	✓

CONFIGURATION	
Software watchdog on microcontroller	✓
Auto-reset	-Every 24hrs (only if not in data call) -Loss of network authentication > 10 min. -Unterminated data call > 1 hour
Configurable GPRS	Automatic re-attachement after time out when no data flow
Send commands over the air	Over SMS Over Data Call Over TCP (GPRS)
GPRS connection backed up by SMS	If data sending by GPRS connection fails, fallback to SMS sending
Programmable Logic Controller-like functionality	Easy but powerful programming and management of events
Events	Digital input (X4); Analog input (X2); Relay output (X2); Audio output
Action driven by the events	Auto-sending of pre-programmed messages over SMS or TCP socket connection
Example of uses	-Get signal strength remotely -Send ordinary alarms via GPRS or SMS -Event triggered TCP connection -Change reset parameters remotely

INTERFACES	
SIM Plug-in card reader	1.8/3 V
Power Supply	3 pin terminal block
SMA antenna connector (50 ohm)	✓

DATA CONNECTIVITY	
RS232 on D-Sub 9pin female or	
RS485 on 2 pin terminal block	

EXPANSION FEATURES (Optional)	
Isolated Digital or Analog Inputs	4
Relay Contact Outputs	4
Smart Inputs - Pulse Counter Inputs or Normal Digital Inputs	8
Smart Outputs - Internal/ External Relay	8

OTHER FEATURES	
Operating status LEDs	20
Casing	Die Cast Zinc Alloy
DIN rail mounting	✓

DIMENSIONS	
Size (mm)	170x80x35
Weight (g)	725

TEMPERATURE RANGE	
Operating	-20~+60 °C
Storage	-25~+70 °C

POWER	
Power Supply Input voltage	85V AC to 264V AC or 110V DC to 370V DC
Rated Current Consumption	0.24A
AC/DC	AC or DC
Built-in power supply	✓
Battery back-up	8V DC to 30V DC

CERTIFICATIONS/COMPLIANCES	
CE Certification	✓
GCF Certification	✓
ROHS Compliance	✓

OPTIONAL ACCESSORIES (ADDITIONAL ACCESSORIES ARE ALSO AVAILABLE UPON REQUEST)	
ACC-A01	GSM antenna 900/1800 MHz
ACC-A05	GSM antenna 850/1900 MHz
ACC-DIN	Din Rail Mounting Clip

ORDERING CODE	
<b>MI-10 - Maestro Industrial 10 Bundle</b>	
MI-10+Acc-CA04B+Acc-A01	

### Distributor's Contact



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