

100_{CDMA}

maestro



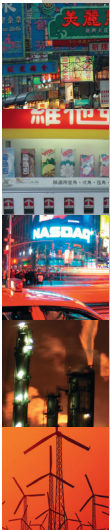
empowering wireless

Easy to use, reliable, industrial modems

The Maestro Wireless M100-CDMA modem has been specifically designed to withstand harsh environmental conditions. The compact design, supporting high voltage range and power surge resistant, the Maestro M100-CDMA can be easily integrated into a board array of demanding industrial applications, including electricity metering, security alarm systems and vending machines. Included in the M100-CDMA is embedded gpsOne enabling location awareness applications. The Maestro Wireless M100-CDMA is certified and available on the Sprint, Verizon and Aeris networks in the USA, a generic version is also available.

100_{CDMA}

- Industrial and robust design CDMA modem
- High Voltage Range 9 to 60V DC
- Embedded gpsOne



About Maestro Wireless Solutions

Applying more than 15 years experience and know how of M2M communications, the Maestro team provides effective and highly reliable wireless solutions from off-the-shelf, generic easy to use modems, up to specific and optimized custom vertical application integration.



Technical information



M100 CDMA



ACC-CA01



OTH-006



ACC-DIN

FEATURES/PRODUCTS	M100 CDMA
TECHNOLOGY	
CDMA	CDMA 2000 1xRTT 800 / 1900MHz
SMS	✓
TCP/IP	Full TCP/IP Stack

FUNCTIONAL FEATURES	
gpsOne	✓
Download Over The Air	Optional
CMUX	✓
OTHER FEATURES	
Operating status LED	✓
Casing	Metal
DIN rail mounting	✓

INTERFACES	
RS232 on 15 pin Sub-D connector	✓
RS232 on 9 pin Sub-D connector	optional (with OTH-006)
Pin power supply connector	4 pin DC
SMA antenna connector (50 ohm)	2 (CDMA / gpsOne)
DIMENSIONS Metal casing	
Size (mm)	88x60x26
Weight (g)	100
TEMPERATURE RANGE (module)	
Operating / Storage	-30~+70°C / -40~+80°C
POWER SUPPLY	
Input voltage	9 - 60V DC
AC/DC	DC

CERTIFICATIONS/COMPLIANCES	
FCC	✓
Verizon ODC	✓
Aeris	✓
Sprint Certification	✓
RoHS	✓

Recommended Accessories	
ACC-CA01	DB 15 for M100 RS-232(M) to DB 9 RS-232(F) - Cable L=1100mm
ACC-PS09	Industrial grade 1.2 A Power Adaptor (with NEMA 2 Pins plug cable - USA)
ACC-A05	GSM 850/1900 Magnetic Mount Antenna - Cable L= 2500mm
ACC-DIN	DIN Rail Mounting Clip for Maestro 100 Series
OTH-006	DB15 to DB 9(F) Adaptor for M100 CDMA

Ordering Information

M100CDMA-S B

Product code

Carrier Selection:

- A** - Aeris
- V** - Verizon
- S** - Sprint
- G** - Generic

Bundle Selection:

- B** - Bundle (include data cable, power supply and antenna)
- ⊞** - Leave blank for modem only

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