

# 100<sub>CDMA</sub>

# maestro



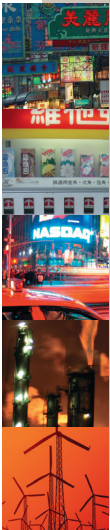
empowering wireless

## Easy to use, reliable, industrial modems

Maestro 100 CDMA has been specifically design to stand harsh environment. Compact, high voltage range and power surge resistant, the Maestro 100 CDMA can easily be integrated into demanding industrial application from electricity meters to intrusion alarms or vending machines. Maestro 100 CDMA modem also embed gpsOne features and can be use for location aware applications. Maestro 100 CDMA is available on Sprint, Verizon and Aeris networks in the US, a generic version is also available.

# 100<sub>CDMA</sub>

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



### About Mestro 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
<b>TECHNOLOGY</b>	
CDMA	CDMA 2000 1xRTT 800 / 1900MHz
SMS	✓
TCP/IP	Full TCP/IP Stack

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

<b>INTERFACES</b>	
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)
<b>DIMENSIONS Metal casing</b>	
Size (mm)	90x60x26
Weight (g)	70
<b>TEMPERATURE RANGE (module)</b>	
Operating / Storage	-30~+75°C / -40~+85°C
<b>POWER SUPPLY</b>	
Input voltage	9 - 60V DC
AC/DC	DC

<b>CERTIFICATIONS/COMPLIANCES</b>	
FCC	Pending
PTCRB	Pending
Verizon ODC	Pending
Sprint Certification	Pending
RoHS	✓

<b>Part Number and Recommended Accessories</b>	
M100CDMA-V	Maestro 100 CDMA Verizon - (USA Verizon network only) (Metal Casing, superior industrial Medium Power Supply of 9 - 60V DC + GPS connector)
M100CDMA-S	Maestro 100 CDMA Sprint - (USA Sprint network only) (Metal Casing, superior industrial Medium Power Supply of 9 - 60V DC + GPS connector)
M100CDMA-A	Maestro 100 CDMA Aeris - (USA Aeris network only) (Metal Casing, superior industrial Medium Power Supply of 9 - 60V DC + GPS connector)
M100CDMA-G	Maestro 100 CDMA Generic - (Operator independant) (Metal Casing, superior industrial Medium Power Supply of 9 - 60V DC + GPS connector)
<b>M100CDMA-VB</b>	<b>Bundle including M100CDMA-V + ACC-CA01 + ACC-PS09 + ACC-A05</b>
<b>M100CDMA-SB</b>	<b>Bundle including M100CDMA-S + ACC-CA01 + ACC-PS09 + ACC-A05</b>
<b>M100CDMA-AB</b>	<b>Bundle including M100CDMA-A + ACC-CA01 + ACC-PS09 + ACC-A05</b>
<b>M100CDMA-GB</b>	<b>Bundle including M100CDMA-G + ACC-CA01 + ACC-PS09 + ACC-A05</b>
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

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