M2M CELLULAR COMMUNICATIONS MODEM

Communicates With School Zone Flashers Using Cellular Technology

The RTC M2M is a compact communications modem that allows the user to connect an RTC Time Switch to a central computer using RTC Connect software. The M2M provides full, two-way communications from a central computer to any Model AP22 or CPR2102 Time Switch. This eliminates the cost and maintenance of additional infrastructure.

Helping Kids Get To School Since 1987

RTC RTC Manufacturing, Inc.

Marlin Controls Inc.

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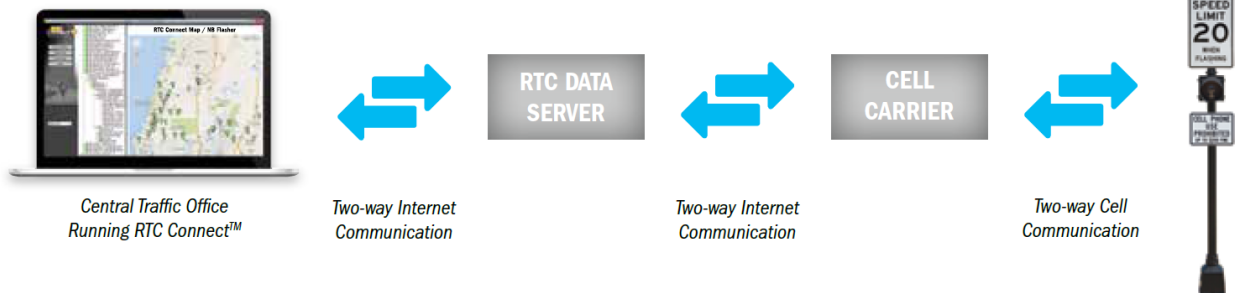

M2M FEATURES

— Simple, plug-and-play operation
— Powered directly by RTC time switches with no external power supply needed
— Make program changes anytime
— Modems are fully certified and carrier approved
— Two-year warranty
— Time Switch time is synchronized daily with cell tower time
— Can be mounted directly to time switch
— Antenna typically mounts inside the flasher cabinet; an external antenna is available if required; other antenna optional, as needed
— LED indicator for power and cellular network connection
— Extended warrranties up to five years available

M2M CERTIFICATIONS

REGULATORY COMPLIANCE
— FCC Class B (US), IC (Canada)

SAFETY
— UL 60950-1 (US), cUL 60950-1 (Canada)

QUALITY
— MIL-STD-810: high-temp, low-temp, cold dwell, random vibration and sine vibration
— SAE J1455: random vibration and sine vibration

M2M SERVICE PLANS

— Choose from one, five, or ten-year service agreement

OPTIONAL GPS ENABLED DEVICE AVAILABLE

— Time sync reference and map location services

M2M SPECIFICATIONS

DESCRIPTION	
DIMENSIONS	2.45"W x 3.17"H x 1.16"D
WEIGHT	.65 LB
TIME SYNC	Cell System GPS
CHASSIS TYPE	Aluminum
OPERATING TEMPERATURE	-40˚ to +85˚ Celsius
HUMIDITY	Relative Humidity 15% to 93% non-condensing
SMS	Short Message Service Supported
PERFORMANCE	HSPA+
FREQUENCY BAND	Hepta-band 850/900/AWS 1700/19002100 MHz

RTC CONNECT™ COMMUNICATION FLOW

Central Traffic Office Running RTC Connect™

Two-way Internet Communication

RTC DATA SERVER

Two-way Internet Communication

CELL CARRIER

Two-way Cell Communication