

### Function:

The MTS-CEL is a cellular network communications module that forms the backbone of an MTS CELL-I/O telemetry system. These modules can be configured as 'Host' or 'Remote' and systems can be setup in a 'Point-to-Point' or 'Point-to-Multi-Point' topology. Any standard cellular carrier may be used which provides large coverage areas. Unlimited data plans provide an economical means of sending control or measurement data over long distances that cannot be covered by standard wireless solutions.

A signal strength indicator shows the amount of RF signal received. Pribusin offers a complete line of antennas and accessories for all types of installations.

Deployment and installation is as simple as plugging the needed I/O modules into the communications module and assigning unique module ID's. The MTS-CEL automatically discovers the I/O modules that are attached to it and does all necessary configuration. Power and communication for the modules are provided through an integral bus.

### Standard Features:

- CELL-I/O feature Uses Standard Cellular Network
- Secure Private Network Architecture
- Current Service Providers: Verizon, AT&T, T-Mobile
- Cellular Signal Strength Indication
- Loss of Signal Output
- Point-to-Point or Point-to-Multi-Point Topologies
- Automatic Recognition of Attached I/O Modules
- Integrated Power & Data Bus Reduces Wiring
- Modular Design Provides Maximum Flexibility
- No Programming Required - Easy to Configure
- Power: 24 VDC (From Integrated Bus)
- Class I, Div. 2 Approval Pending

### Configuration:

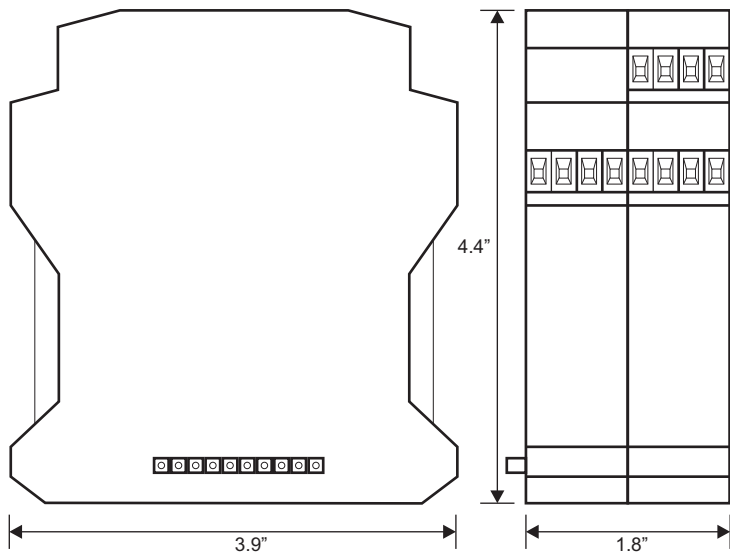
The MTS-CEL is configured via a Windows® based configuration program. This program is provided free of charge by Pribusin Inc.

### Specifications:

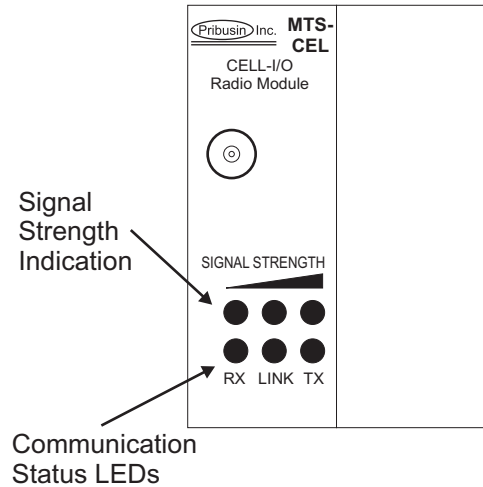
- RF Output: 3W max
- RF Band: 850/900/1800/1900MHz, GSM
- Comm. Speed: 85.6K bps
- Power Consumption: 5VA max.
- Temperature: -40°C to +70°C (Operating)

# MTS-CEL

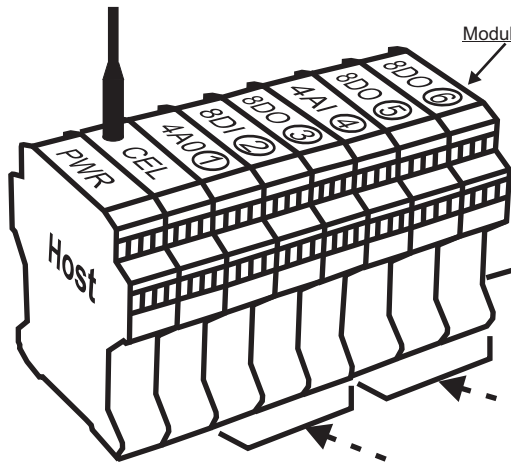
## Module Dimensions:



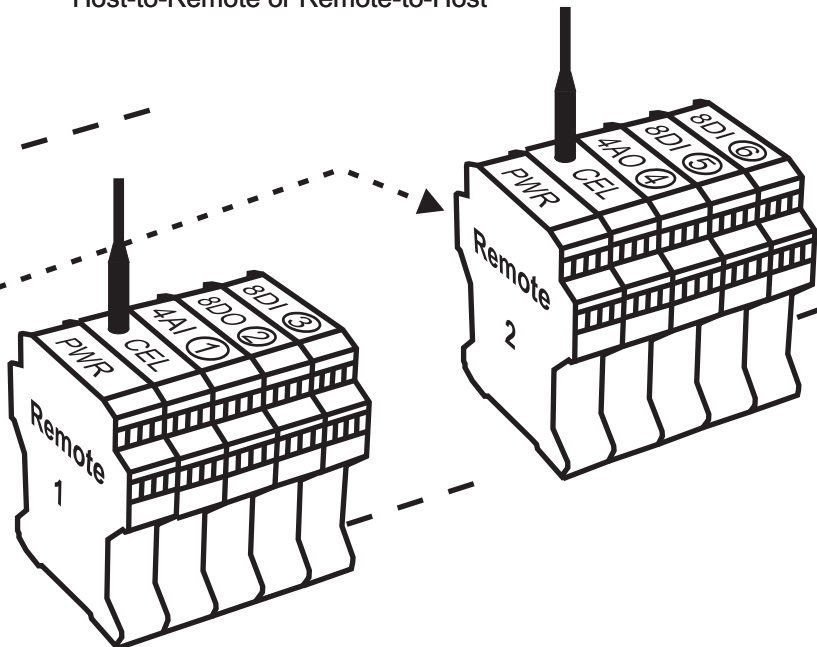
## Top View:



## System Example:



- Each Input module must have an Output module counterpart
- Each module pair uses the same module ID
- One host radio module can communicate with up to 99 remote radio modules
- Module pairs may be arranged to exchange signals either from Host-to-Remote or Remote-to-Host



Part No.	Description
MTS-CEL	Cellular Communication Interface
MTS-4DIO	4 Digital Inputs & 4 Digital Outputs
MTS-8DI	8 Digital Inputs
MTS-8DO	8 Digital Outputs
MTS-4AI	4 Analog Inputs
MTS-4AO	4 Analog Outputs
MTS-PWR	24VDC Power Module

## Manufactured By:

**Pribusin Inc.**

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