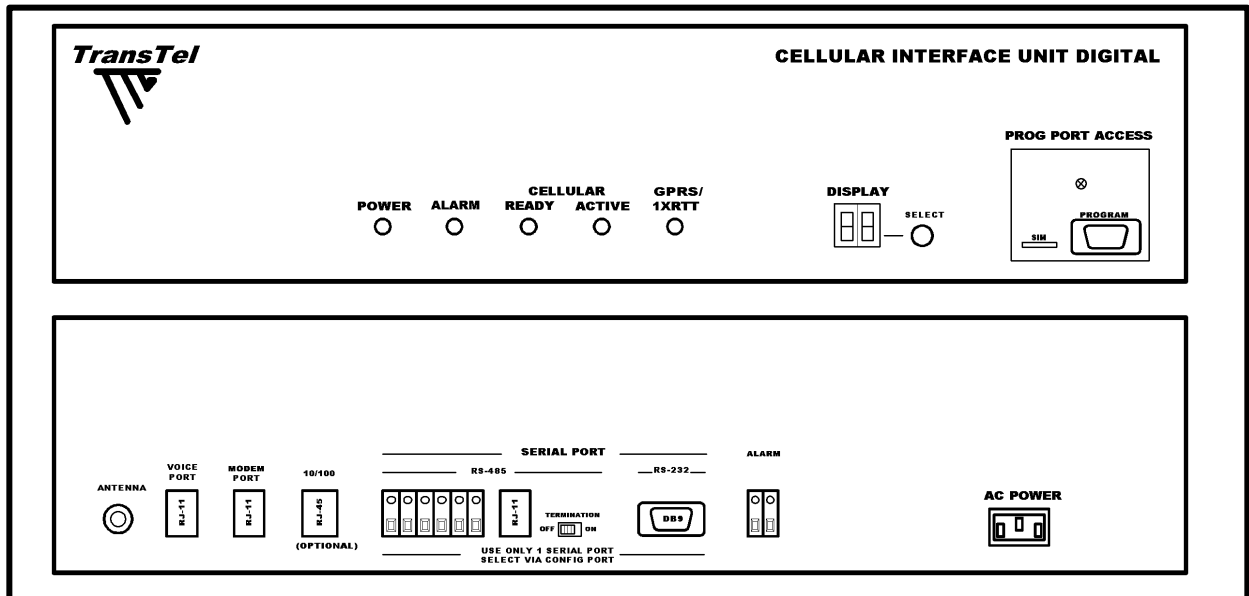


CIUD - Digital Cellular Interface Unit



Features

- GSM or CDMA Network Access
- Voice, Circuit Switch or Packet Data Transmission
- RJ-11 Voice Port
- RJ-11 Modem Port
- Serial Port RS-232/RS-485
- DTMF Decode and Generate
- Signal Level Display
- User Configuration Port
- Front Panel SIM Card access
- Alarm Contacts

Applications

The CIUD is easily installed in Power Sub-stations or remote locations where cellular service is available and landline installation is impractical or too costly. The CIUD quickly provides network access for multiple user applications. Separate RJ-11 jacks are provided for the Voice and Modem phone port. The serial port can be configured for RS-232 or RS-485 operation. The serial port can be used for metering applications using

circuit switched or packet data transmission. The CIUD has a DTMF decoder for the voice and modem ports to determine outgoing dialed number. It also contains a DTMF generator to output DTMF codes on the voice and data RJ-11 jacks for a Line Sharing Switch or equipment control. The RS-485 port connections may be made through a terminal block or dedicated RJ-11 jack.

Front panel LEDs show operating status and a 2-digit 7-segment display indicates signal strength. A protective cover guards the SIM card socket and provides access to the DB9 RS-232 Configuration Port. Alarms contacts on the rear panel can be used to monitor CIUD status. The CIUD may be ordered for 120Vac or 48Vdc power input.