

CT100

The AMCi Cellular Terminal is a versatile programmable telemetry platform. Cost effectively monitor and control remote assets with multi-network connectivity.



PRODUCT SPECIFICATIONS

CELLULAR COMMUNICATION

- Peak D/L Up to 150 Mbps
- Peak U/L Up to 50 Mbps
- Frequency bands: 1900 (B2), AWS (B4), 850 (B5), 700
- Multicarrier support: Verizon, AT&T, T-Mobile (dual SIM capable)
- Wi-Fi hub connectivity

EXTERNAL INTERFACES

- (2) Serial ports: RS-232, RS-485
 - Modbus-RTU/TCP/IP converter available
- (2) 10/100 Ethernet ports
- Native I/O: 3 channels; individually configurable as (1) analog input and (2) digital inputs or (3) digital inputs.
 - Digital inputs: -10-36VDC safe, pull-up
 - Analog inputs: 0-5V, 1.0mV (12-bit) resolution, 4-20mA
- Additional I/O available via Modbus I/O expansion modules

POWER

- Input voltage: 7-36VDC

CERTIFICATIONS/ COMPLIANCE

- Safety: C1D2, IECE Certification Bodies Scheme (CB Scheme), UL 60950
- Regulatory: CE, FCC, IC, RCM, PTCRB, GCF
- Environmental: RoHS2, REACH, WEEE

WARRANTY

- 5-year standard limited warranty

PHYSICAL

- 5.74in x 1.65in x 4.17in
- 0.55 lbs. (250g)

ENVIRONMENTAL

- Operating temperature: -30°C to +65°C
 - Storage temperature: -40°C to +85°C
- Humidity: 90% RH @ 60°C
- Dust and water ingress: IP20
- Vibration: SAE J1455 (Sec 4.9.4.2 fig 6-8), MIL-STD-810G (Sec 514.6)
- Shock: MIL-STD-810G (Sec 516.6), ISO7637-2

GPS

- Acquisition time: 1s (hot start)
- Accuracy: <3.15m

MOUNTING KIT OPTIONS

- DIN rail
- Magnetic mount

CONTACT DETAILS

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