

SMU 16DI

Downtime on equipment is something none of us want. Having visibility over your equipment's operating status gives you the power to make sound, informed, and timely decisions to optimize your operations. AMCi-Wireless can help by giving you the information you need to make these decisions and minimize or even prevent downtime in your operations. The 16DI gives you important information and alerts you to critical conditions, in many cases giving you the opportunity to respond prior to a failure.



PRODUCT SPECIFICATIONS

SATALARM® SERVER

WEB-BASED SCADA

- Web browser based historian
- Color graphical interface
- User configurable displays
- Customizable dashboard
- Multi data point graphs
- Data tracking
- Integrated Maps
- Equipment configuration
- Device control
- Data conditioning
- Reporting

PROGRAMMING

- Reporting (configured over the air):
 - Configurable time-of-day based schedule
 - Configurable interval-based schedule
 - 3 minutes up to once every 3 days
 - By exception; user definable test conditions
- Modbus RTU:
 - 16 configurable commands
 - Data reportable by schedule, interval, threshold test, any change, or pattern match

EXTERNAL INTERFACES

- Serial: 2 ports; RS-232 and RS-485
- I/O: 4 channel; individually configurable as analog input or digital input/output
 - Analog inputs: 0 – 3.0V, 1.0mV (12-bit) resolution; 4-20mA, 143 Ω loop resistor
 - Digital inputs: -10 – 150VDC safe, pull-up or pulldown
 - Digital outputs: 32VDC safe, 250mA sinking (open drain), or 3VDC, 25µA (push-pull)
- Additional I/O available using Modbus I/O expansion modules

PHYSICAL

- 5.0 x 5.0 x 1.9 in. (12.6 x 12.6 x 4.9 cm)
- 1.0 lbs. (0.46 kg)

SATELLITE MESSAGING

- Two-way, global, IsatData Pro
- From terminal (max)
- Two-way, global, IsatData Pro • From terminal (max per message) - 6400 bytes
- To terminal (max per message) - 10,000 bytes

CERTIFICATIONS/ COMPLIANCE

- Satellite - Inmarsat
- Other - C-Tick, CE, FCC, IC, Anatel, RoHS(?)

ENVIRONMENTAL

- Operating Temperature: -20°C to +50°C
- Storage Temperature: -40°C to +85°C
- Humidity: 90%RH @ 85°C; meets SAE J1455
- Dust and Water Ingress: IP66/Nema-6P (with door screws installed)

CORPORATE

255 Pennbright Drive,
Suite 240
Houston, TX 77090

COLORADO

2171 S Trenton Way,
Suite 217
Denver, CO 80231

AUSTRALIA

2/26 Carbine Way,
Mornington,
Victoria 3931

INDIA

146/1 Bakhtawar RAM
Indore, Madhya Pradesh
PIN 452018

PH: 346 701 5711

PH: 303 279 2002

PH: +61 400
770790

PH: +91
7898144480

PRODUCT SPECIFICATIONS

GPS

- Acquisition Time: 27 seconds (warm & cold)
- Accuracy: 2.5 meters (CEP-Horizontal)
- Sensitivity:
 - Acquisition: -147 dBm
 - Tracking: -159 dBm

SATELLITE COMMUNICATION

- Frequency:
 - From terminal: 1626.6 – 1660.5 MHz
 - To terminal: 1525 – 1559 MHz
- Elevation Angle: 20° to 90° for communications link
- Maximum EIRP: 7.0 dBW
- Maximum Antenna Gain: 4.5 dBi

ENCLOSURE

- Polycarbonate
- Nema-4x/6P (with door screws installed)
- 1x ½-inch pass-thru cord grip
- Lockable

POWER

- Solar Power: 12VDC, 10W, 7Ah

WARRANTY

- 3 year standard limited warranty

CONTACT DETAILS

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