



Accu-Time Systems, Inc.

# Series 4010

The Accu-Time Series 4010 is a sealed, environmentally protected time and data collection terminal and certified as such by the NEMA 4X rating. The enclosure protects circuitry from environmental conditions with watertight and dust-tight seals. In addition to operating in standard EIA serial communication formats, the Series 4010 is TCP/IP Ethernet compatible. The Series 4010 is sealed, protected and ready for work!

- ▶ Expandable memory to 768K
- ▶ Optional 512K of Flash memory
- ▶ Ethernet, RS485 and/or RS232 communications
- ▶ DI/DO port for access control
- ▶ Weather resistant bar code reader (external)
- ▶ 12/2400, 9600, 19.2K baud modem operation
- ▶ Optional heater kits for extreme temperatures
- ▶ Low voltage power source (local or remote)
- ▶ Serial printer interface
- ▶ Molded fiberglass polyester sealed housing



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ACCU-TIME®

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## Specifications

<b>DISPLAY</b>	4 line x 20 character super-twist LCD (backlit option available)
<b>CLOCK</b>	12 or 24 hour format — USA or International (quartz precision) Time stamp of data transactions
<b>INDICATORS</b>	Yellow LED low power indicator Red and green programmable LED indicators Four diagnostic LEDs for Ethernet: Yellow = busy; Green = linked Yellow = receive; Red = transmit
<b>KEYPAD</b>	Software defined function keys Large 20 key tactile 4x5 matrix Custom user-defined keypad legends
<b>SPEAKER</b>	Dual tone audible annunciator
<b>MEMORY</b>	128K Byte of capacitor backed memory (i.e. 600-employee base — program dependent) Expandable to 768K Byte (i.e. over 2000 employees program dependent) 512K Byte Flash memory
<b>PROGRAMMING</b>	ATS DATA TRAKER™ modules, C programming language or third party custom application packages
<b>SELF-TEST</b>	ACCU-RATE™ on-board terminal set-up and full-feature diagnostics
<b>INTERFACE</b>	TCP/IP Ethernet 10-base-T (802.3) EIA Standard RS232 EIA Standard RS485 (2 or 4 wire) Standard AT Command Set for internal 9600/19.2 Baud modem DI/DO or serial interface printer port
<b>ENCLOSURE</b>	Molded fiberglass polyester, sealed environmental housing NEMA 4x approved
<b>POWER</b>	+10 to +17VDC (+12VDC @ 470 milliamps Nominal) Local, remote or centrally powered Non-interruptible power source with charger (optional)
<b>ENVIRONMENT</b>	Operation: 32° to 110°F (0° to 43°C) w/optional heater kits: -25° to 110°F
<b>CERTIFICATION</b>	CE Mark Certified (CE, RE, ESD, RS and CS), FCC part 15
<b>PHYSICAL</b>	8.5" L x 10.5" W x 6.25" H Weight: 8.6 lbs. (21.6 cm L x 26.7 cm W x 15.9 cm H Weight: 3.9 kg)
<b>ACCESSORIES</b>	Integrated/External visible/infrared weather resistant bar code slot readers Integrated/External weather resistant proximity readers Solid state or dry contact relay modules Serial interface printer port



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Accu-Time, whose policy is one of continuous improvement, reserves the right to change specifications without notice.