



Accu-Time Systems, Inc.

Series 4000

The Accu-Time Series 4000 terminal is designed for the most demanding time and data collection requirements. Utilizing an advanced dual microprocessor, the base unit offers TCP/IP, RS232/485 or modem connectivity. Auxiliary ports are included for digital I/O devices, contact and media scanners. In addition, the Series 4000 is well suited for alarm and access control. Housed in a die-cast metal enclosure, this work horse is designed for high-traffic environments. Let the Series 4000 do the hard work for you.

- ▶ Single or multi-clock environments
- ▶ 128K Byte memory base (capacitor backed)
- ▶ EIA Standard RS232 or RS485 compatible
- ▶ Integrated and/or external bar code reader
- ▶ Integrated magnetic slot readers
- ▶ Digital bar code wand port
- ▶ TCP/IP Ethernet 10-base-T compatible
- ▶ 512K Byte Flash memory
- ▶ Low voltage power source (local or remote)
- ▶ Die cast aluminum housing w/lockable base



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ACCU-TIME

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Specifications

DISPLAY	4 line x 20 character super-twist LCD (backlit option available) 4 line x 20 character Vacuum Fluorescent
CLOCK	12 or 24 hour format — USA or International (quartz precision) Time stamp of data transactions
INDICATORS	Yellow LED low power indicator Red and green programmable LED indicators Four diagnostic LEDs for Ethernet: Yellow = busy; Green = linked Yellow = receive; Red = transmit
KEYPAD	Software defined function keys Large 20 key tactile 4x5 matrix Custom user-defined keypad legends
SPEAKER	Dual tone audible annunciator
MEMORY	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
PROGRAMMING	ATS DATA TRAKER™ modules, C programming language or third party custom application packages
SELF-TEST	ACCURATE™ on-board terminal set-up and full-feature diagnostics
INTERFACE	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, digital bar code wand input port
ENCLOSURE	Die cast aluminum housing with steel key-lockable base assembly
POWER	+10 to +17VDC (+12VDC @ 470 milliamps Nominal) Local, remote or centrally powered Non-interruptible power source with charger (optional)
ENVIRONMENT	32° to 110°F (0° to 43°C)
CERTIFICATION	CE Mark Certified (CE, RE, ESD, RS and CS), ETL, FCC part 15
PHYSICAL	7.25" L x 9.75" W x 3.8" HWt: 6 lbs. (18.42 cm L x 24.77 cm W x 9.65 cm HWt: 2.72 kg)
ACCESSORIES	Integrated or external optical bar code slot reader Integrated magnetic slot readers, Wiegand and RF ID readers, Digital bar code wands, 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.