



Accu-Time Systems, Inc.

# Cyber Series NEMA

The Accu-Time Cyber Series is available NEMA 4x certified, which allows for environmentally sealed protection. This data collection terminal has numerous options such as 10/100-baseT Ethernet, up to 1MB of memory, and tates 33.6K baud modem compatibility. The enclosure protects circuitry from harsh environments with watertight and dust-tight seals. Make a secure, durable investment in the Cyber Series NEMA.

- ▶ Optional memory capabilities up to 1MB
- ▶ Optional 512KB of Flash memory
- ▶ Ethernet, RS485 or RS232 communications
- ▶ DI/DO port for access control or bell ringing
- ▶ Weather resistant bar code reader (external)
- ▶ Expansion slot for support of plug-in options
- ▶ Optional heaters for extreme temperatures
- ▶ Low voltage power source
- ▶ Optional serial printer interface
- ▶ Molded fiberglass polyester sealed housing



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# Cyber Series NEMA

## Specifications

|                    |   |
|--------------------|---|
| <b>DISPLAY</b>     | 4 line x 20 character backlit, super-twist LCD  |
| <b>CLOCK</b>       | 12 or 24 hour format — USA or International (quartz precision)<br>Time stamp of data transactions   |
| <b>KEYPAD</b>      | Software defined function keys<br>Large 20 key tactile 4x5 matrix<br>Custom user-defined keypad legends   |
| <b>MEMORY</b>      | Up to 1MB of RAM available<br>Up to 512K Byte Flash memory  |
| <b>PROGRAMMING</b> | ATS Universal Command Set™ modules, C programming language or third party custom application packages   |
| <b>SELF-TEST</b>   | ACCU-RATE™ on-board set-up and full-feature diagnostics   |
| <b>INTERFACE</b>   | TCP/IP Ethernet 10/100-base-T 802.3 (optional)<br>EIA Standard RS232 or RS485<br>Standard AT Command Set for 33.3K Baud modem (optional)<br>DI/DO or serial interface printer port (optional) |
| <b>ENCLOSURE</b>   | Molded fiberglass polyester, sealed environmental housing<br>NEMA 4x approved   |
| <b>POWER</b>       | +10 to +17VDC (+12VDC Nominal)<br>Non-interruptible power source with charger (optional)  |
| <b>ENVIRONMENT</b> | Operation: 32° to 110°F (0° to 43°C)<br>w/optional heaters: -25° to 110°F   |
| <b>PHYSICAL</b>    | 8.5" x 10.5" x 6.25" Weight: 8.6 lbs.<br>(21.6cm x 26.7cm x 15.9cm Weight: 3.9kg)   |
| <b>ACCESSORIES</b> | Weather resistant visible/infrared bar code slot readers<br>Solid state or dry contact relay modules<br>Weather resistant proximity readers<br>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.

### Cyber Series NEMA Configuration Guide

| Term. Type  | Display | Serial | Ethernet |         | Modem | Memory | Flash | Slots | Housing | DI/DO |
|-------------|---------|--------|----------|---------|-------|--------|-------|-------|---------|-------|
|             |         |        | 10M      | 10/100M |       |        |       |       |         |       |
| <b>CS1N</b> | 4x20    | Std    | -        | -       | Opt   | 512K   | 256K  | -     | NEMA    | Opt   |
| <b>CS2N</b> | 4x20    | Std    | -        | Std     | Opt   | 512K   | 256K  | -     | NEMA    | Opt   |
| <b>CS3N</b> | 4x20    | Std    | -        | Std     | Opt   | 1M     | 512K  | 1     | NEMA    | Opt   |