LINX III

The programmable LINX III data collection and control terminals are cost-effective, rugged computers, designed to collect critical data at its source. With processors, non-volatile memory, and numerous I/O device interfaces, they can be configured and programmed for a wide variety of applications such as time and attendance, access control, shop floor data collection, or machine control.

The terminals can be equipped with bar code and magnetic stripe slot readers, and offer inputs for bar code wands and laser scanners. RS-232 and RS-422 serial interfaces, as well as sense lines and relay control outputs are also available to allow control of external printers, CRTs, door locks, conveyor belts, and many other devices.

A powerful multitasking operating system performs host communications, networking, and diagnostics, allowing an entire network of up to 1,024 terminals to be controlled from a single Windows PC running LINX TopSail™.

The fault-tolerant twisted-pair network allows terminals to continue data collection and processing even if the host is no longer accessible.

Programmers can develop applications in LinxBASIC™. But you don't have to be a programmer to use LINX AI™, an easy-to-use code generator, simulator, and debugger, to create powerful applications that use the full range of terminal features.

LINX III terminals come with a world-class one year warranty standard, and up to 9 years of extended warranty can be purchased. All our products are fully supported by expert technical staff and a support system that facilitates rapid resolution of questions and concerns.

Whatever the nature of your application, the rugged LINX III is the Intelligent Choice. Call LINX Data Terminals at (972) 964-7090 today for more information.

linx ®
DATA TERMINALS

Specifications

System Devices

- Non-volatile RAM: 32K (std) - 768K (opt)
- Real-time clock (non-volatile)
- Beeper: Internal (std) - External (opt)

Digital I/O

- Sense line inputs: 1 (std) - 6 (opt)
- Relay control lines: 1 (std) - 6 (opt)

Serial I/O

- Com ports: 1 RS-232 or RS-422 (std)
- 2nd port optional
- Proprietary RS-485 Network port (std)

Auto ID I/O

- Slot reader: (opt) bar code or magnetic stripe
- Laser/wand port: (opt)

Keypad/Display

One-piece sealed polyester with tactile feedback, Displays are LCD with 2 lines of 5x7 dot matrix .165" x.155" characters

- Backlit display (opt)
- Extended temperature range -4F - 140F (opt)

- 20 key numeric with 4 F-keys, 2x16 display
- 24 key numeric with 8 F-keys, 2x40 display
- 63 key alphanumeric, 10 F-keys, 2x40 display

Bar Codes Supported

- Code 39 (normal or full ASCII)
- Interleaved 2 of 5
- Code 128
- Codabar
- UPC/EAN/JAN
- Autodiscrimination
- Symbology selectable

Host Communications

- RS-232 or 422
- Proprietary polling protocol
- User-formatted records

Terminal Network

- RS-485 shielded twisted pair
- Up to 1,024 terminals in network
- Built-in network diagnostics
- Single and multiple segment networks
- Fault-tolerant, automatic rerouting
- Continued operation independent of host
- Local and remote subnetworks

Host PC Communication Software

- LINX TopSail™ for Windows PCs: program downloading, data collection, status monitoring, file I/O with transaction processing