The programmable LINX V data collection and control terminals are cost-effective, rugged computers, designed to collect critical data at its source. With processors, non-volatile memory, numerous I/O device interfaces, and Ethernet connectivity, 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 integral bar code, mag stripe, proximity readers, and external bar code wands and 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, downloadable multitasking operating system in non-volatile memory performs host communications, networking, and diagnostics, allowing an entire network of LINX V terminals to be controlled from a single Windows PC running LINX TopSail™ or Evolution™ over 10BaseT Ethernet, co-existing with other TCP/IP or IPX networks.

The fault-tolerant network allows terminals to continue data collection and processing even off-line from the host.

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 V terminals come with a world-class one year warranty standard, and up to 9 years of extended warranty optionally available. 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 V 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: 128K (std) - 768K (opt)
- Real-time clock (non-volatile)
- Beeper: Internal (std) - External (opt)

Digital I/O

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

Communications

- Com1 (DB-9): RS-232 or RS-422 (std)
- Com2 (DB-9): RS-232 or RS-422 (std)
- 10BaseT (RJ-45) Network port (std)

Auto ID I/O

- Slot reader: (opt) bar code or magnetic swipe (Track 1 or 2)
- Laser/wand port: (opt)
- Proximity reader (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

Additional Host Communications

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

Terminal Network

- 10BaseT (RJ-45)
- TCP/IP or IPX
- Built-in network diagnostics
- Single and multiple segment networks
- Fault-tolerant
- Continued operation independent of host
- Local and remote subnetworks

Host PC Communication Software

- LINX TopSail™ or Evolution™ for Windows PCs: program downloading, data collection, status monitoring, file I/O with transaction processing
- SSDK100 software development kit with APIs and C drivers, allowing development of terminal control programs for non-Windows OSes (for example UNIX)

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