LINX VII-3
Data Collection Terminal™

**Whatever the nature
of your application,
the rugged LINX VII-3
is the Intelligent Choice.**

- **Administration**
- **Human Resources**
- **Security and Access Control**
- **Manufacturing Automation**
- **Production Tracking**
- **Event Monitoring and Control**

linx®

DATA TERMINALS

The LINX VII-3 Data Collection Terminal™ is an industrialized terminal with a powerful processor that provides support for a rich set of peripherals for user applications, including administration and human resources, security and access control, manufacturing automation and production tracking, and event monitoring and control applications. These varied applications may be easily created using the LINXScript-3™ programming language to generate a simple text file for downloading.

The optionally selectable fingerprint, proximity, barcode, and magnetic stripe readers are all internal to the case. Digital I/O lines, a full RS232 port, and a laser/wand port are standard features, as well as a real time clock that provides non-volatile time and date information. Power Over Ethernet (POE) operation is also available.

The LINX VII-3 is packaged in a durable molded black ABS plastic case. It has a mono blue-white graphic display, and supports the international character set. The terminal can be configured with a static IP address or dynamically with DHCP, allowing it to be placed into networks of many different topologies.

What really sets this terminal apart from traditional data collection terminals is its HTTP posting technique. A CGI (Common Gateway Interface) host computer program for handling HTTP client communications from the LINX VII-3 is standard. This program will allow saving data to a flat file, sending data to selected databases, and/or retrieving response data from the database.

The LINX VII-3 supports standard TCP communications protocol. It has an integral web server that allows the terminal to serve web pages to a browser for providing enhanced diagnostic, setup and remote management capability, and an internal FTP (File Transfer Protocol) server. Also, menu driven configurations and diagnostics may be enabled at the terminal directly. This allows easy establishment of the individual terminal characteristics, bar code types, and communication port parameters, such as baud rate and parity.

Whatever the nature of your application, the rugged LINX VII-3 is the Intelligent Choice. Call LINX Data Terminals at (972) 964-7090 today or visit us online at www.linxdata.com for more information.

LINX VII-3
Specifications

HARDWARE SPECIFICATIONS

Main Memory: 8MB SDRAM

Non-volatile Program Storage: 4MB Flash

Non-volatile Memory: 256KB battery-backed SRAM

Real-time clock for non-volatile time and date info

1 Opto-isolated digital input line

2 TTL digital output lines

Mylar speaker for audio tones

One full RS232 port: up to 115KB

H 2.25" (5.7 cm) x W 7" (17.8 cm) x L 9.5" (24.1 cm)

COMUNICATIONS

10/100MB Full Duplex Ethernet

TCP/IP Protocols

DNS, DHCP

READER OPTIONS

Fingerprint reader; 9,000 template capacity

Bar code slot reader

Mag-Stripe reader; all three tracks

RFID Proximity reader

Laser/wand port

KEYPAD

One-piece sealed polyester

Tactile feedback

DISPLAY

Graphic blue white 128x64 LCD display

LCD display

International character set

POWER

100-240V, 47-63Hz

Optional Power Over Ethernet (POE)

SOFTWARE SPECIFICATIONS

LINXScript-3 Programming

LINXScript-3 is a programming language that allows control over the operating characteristics of the LINX VII-3 Data Collection Terminal. It is both host and platform independent, which means that special tools are not needed to prepare, install, or run LINXScript-3 programs.

The only tools required to create a program are a text editor or word processor capable of writing files in ASCII text mode, an ordinary FTP client, and LINXScript-3 itself. The application programs are typically prepared on a computer, and then downloaded to the terminals, where they are run by the LINXScript-3 interpreter. Because the interpreter is an integral part of the LINX VII-3 Operating System, this allows control of all standard devices such as the display, keypad, speaker, digital I/O lines, and the communication port. Optional devices that can be controlled are the fingerprint, proximity, barcode, and magnetic stripe readers. Also, a laser/wand port is available.

Communication Modes

HTTP Data Posting
Data transactions are sent to a specified web server. Responses may be returned to the LINX VII-3.

LINX Evolution
Evolution is a powerful network management, data collection and control suite that runs as a server under a Windows platform. It has a secure ACK/NAK protocol that insures no data loss.

FTP
Standard File Transfer Protocol is supported.

LINX
DATA TERMINALS

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