



NT5000II

Data Collection Terminal



The 5000II is a rugged, versatile, yet affordable data collection terminal that supports a wide range of input devices; including a barcode slot reader, magnetic stripe reader, or proximity reader.

The optional built-in Ethernet board provides enhanced connectivity via TCP/IP, allowing the NT5000II to be part of your local or wide area network. Serial RS232, and multi-port RS485 connections are standard. An optional internal modem may be added for remote communications.

Two relay outputs control external devices such as doors and bells. There is a secondary scanner port to add an external reader. The durable keypad is user replaceable and can be customized according to personal needs and design.



Multiple input and output functionality

The terminal's multiple I/O ports and interfaces make it an Ideal solution for complex solutions, yet is extremely user friendly to employees.

Employees can receive private and public messages at the terminal when they clock in, they also can review their work hours as well as benefit hours.

Multiple programmable function keys simplify Employee transfers and job tracking.

NT5000II

Specifications



▶ Memory / Operating System

CPU	16-bit 80188 instruction compatible microprocessor
RAM	512 KB
ROM	256 KB FlashROM stores BIOS, Kermit remote server, and application
Keyboard	20-key insertion template type membrane keypad with tactile feedback; including 6 programmable function keys and 4 LED indicators
Display	2 x 16 backlit LCD with US/European character sets

▶ Power

Input Voltage	+13.5V AC/800mA
Operating Current	400mA with backlit on, 6.5mA with backlit off, all accessories excluded @5V
Backup Battery	3V, lithium battery, 190mAH, up to 15,000 hours of power down backup for RAM and system clock
UPS Battery	4 NiCd cells, 600mAH, charge current:25mA constant Allows application running up to 4 hours during power outage

▶ Scanner

Scanner Port	Wand
Supports	Slot reader CCD and laser diode scanners Selectable built-in Barcode Reader Magnetic Stripe Reader Proximity Reader can be connected to terminal block Second barcode Magnetic

▶ Memory capacity (512Kb)

Employees	500 capacity
Transaction	5000 transactions (last 5000 punches saved in the terminal as backup)



▶ Barcode

Barcode Decoder	Reads all commonly used symbologies, Code 39, Interleaved 2 of 5, EAN/UPC, CODABAR, Code128
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▶ Input / Output & Connectors

Badge/Weigand	9 pin flat connector (built-in-type) or terminal block
Barcode Scanner	Dsub 9-pin male connector or terminal block
RS485 / Ethernet	RJ45 female
RS232	RJ11 or terminal block
Phone Jack	For built-in modern, RJ11, or terminal block
Two Relay Outputs	270V AC/2A on terminal block

▶ Physical and Environment

Dimensions	182mm (L) x 158mm (W) x 45mm/55mm(H) (7.17" x 6.22" x 1.77" /2.17")
Weight	Approximately 980g (2.17 lbs with UPS battery)
Temperature	Operation: 0°C to 50°C (32°F to 122°F) Storage: -20°C to 70°C (-4°F to 158°F)
Humidity	5% to 95% RH (non-condensing)
Housing	ABS + PC front cover and metal back plate
Regulatory	CE, FCC