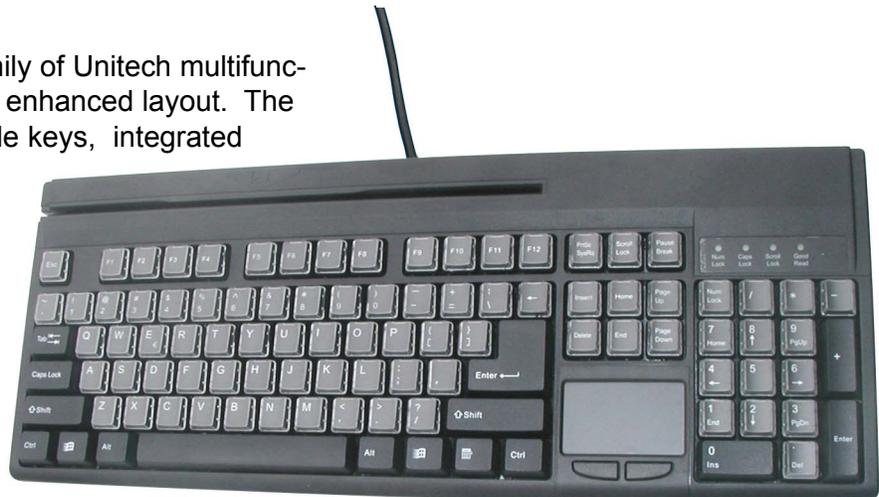# KP3800 Keyboard

The KP3800 is a part of a family of Unitech multifunction keyboards with 100 keys enhanced layout. The KP3800 features re-legendable keys, integrated mouse pad, integrated Magnetic Stripe Card Reader (or Bar Code Slot Reader), and built-in Bar Code scanning input port. The keyboards also feature a minimal footprint and protection against damage from liquid spillage.

Of the KP3800's 100 keys, 88 are programmable and 84 are relegendable.
With Unitech's **Keyboard Configuration Manager** software, each of the 88 programmable keys can be easily configured to be modifiable by virtually all the other keyboard keys (not only Shift S, but also Ctrl S or even LS, for instance) so that each key can represent 97 unique inputs. Relegending the KP3800's keys is as easy as popping off the clear key cap and inserting a new key label.

Keyboard Configuration Manager also makes it easy to define the output from the built-in magnetic stripe slot reader or from a scanner attached to the KP3800's built-in scanner port to exactly the format you require.

Input Modes
The keyboard has two modes to accept a variety of input devices.

- A **DB-9** type squeeze release port at the upper right hand side of the keyboard supports undecoded bar code scanner and RS232 input. Decoded scanners must be capable of Wand Emulation (undecoded scanner) output. Wand, CCD, and laser scanners are supported.

- A **card-reader slot** at the upper-left corner of the keyboard provides an enclosure for a built-in dual-track magnetic card reader (included). Alternatively, this card-reader slot can support a single-track or triple-track magnetic card reader, or a bar code slot reader.

KP3800 Specifications

Keyboard

Interface:	Enhanced AT, PS/2 keyboard w/ mousepad 5-pin DIN / 6-pin mini DIN male cable
Keys:	100 total keys 88 programmable keys 84 relegendable keys
Cursor Control:	Touch-Pad Mouse
Power:	Voltage: 5 VDC +/- 5% Current: 250mA (including magnetic stripe reader)
Dimensions: (L x W x H)	17.5" x 6.75" x 1.375" (445 x 171 x 35 mm)
Net Weight:	1.30 kg (2.86 lbs)
Operating:	Temperature: 32°F (0°C) to (55°C) Humidity: 10% to 90% RH
Storage:	Temperature: -4°F (-20°C) to 131°F (55°C) Humidity: 10% to 95% RH

Magnetic Stripe Card Reader

Card Standard:	ISO 7811/2 through 5
Track Configuration:	Read ISO single track, dual track, triple track
Card Feed:	Bi-direction for ISO card
Card Swipe Speed:	5 to 60 IPS (inch per second)
Bit Density:	Reads 75 to 210 BPI
Durability:	300,000 passes in a clean environment (minimum)

Bar Code Decoder Unit

Port:	DB-9 male
Interface:	TTL
Symbologies:	Code 39 Standard and Full ASCII, UPC\EAN, Codabar, Interleaved 2 of 5, Standard 2 of 5, Code 128, Code 93, MSI code, Code 32, Delta Distance Code, Label IV & V, Toshiba Code, UCC/EAN128.