



a DOMINET Company



# *cary9600 Series*

## Point-of-sale secure keyboard

The **Cary9600** Series keyboards were developed to combine full retail functionality with a QWERTY layout for use in PC-based point-of-sale applications. The ergonomics are optimized for use in a broad range of POS environments, from "big ticket" stores to fast food outlets. Careful attention was given to details such as the angle of use, tactile feel, dual-purpose pencil or credit card holder, protected key-switch positions, recessed connectors, and integrated peripherals.



The Cary  
9600 series Keyboard

### Features/Benefits

- ✓ Cost-effective, secure keyboard is designed to match the functional high-volume durability requirements.
- ✓ Ergonomic design ensures comfortable operation.
- ✓ User-friendly design features improve data accuracy, input speed, and increase security of all transactions.
- ✓ Fully sealed against spills and dust! They have a matchless reputation for durability in tough POS environments, such as fast food outlets and petroleum service stations.

### Overview

In addition to having physically reconfigurable and relegendable keycaps, the **CARY9600** supports a rich set of programmable features, including extensive security options.

The 9600 keyboard incorporates Cary's unique sealed-switch technology, which provides the highest attainable levels of mechanical durability, spill proofing, and static protection. The switch action on the POS keys is designed to emulate cash register-style feel, while the QWERTY section is optimized for data entry in a standing position.

The **CARY9600** has been designed to withstand the rough treatment and high volumes encountered in retail point-of-sale, petroleum, financial, and industrial applications.

# Technical Highlights/Specifications

## KEYBOARD

- 137 programmable, re-configurable key-switches
- Internal 256 Kbit non-volatile memory
- Keycap Kit includes numeric pad, single, dual and quad-sized keytops, multicoloured labels and clear lenses
- Rugged, splash and dirt-resistant design
- High degree of protection from Electrostatic Discharge (ESD)
- Easy to configure during staging or in the field. Unique design allows any keycap to be repositioned anywhere on the array. No switch or stabilizer changes are required.
- Internal programmable beeper
- Optional four-position keylock with manager's position
- Six programmable LED Indicators

## PERIPHERALS

- Optional internal single or dual-track MSR (1,2, or 3)
- Second AT or PS/2-compatible keyboard port
- Internal wedge
- Scanner port (non-decoded) standard. Decoding is available as an option.
- Optional MICR reader
- Optional 4680 or OCIA scanner port
- Optional internal PC speaker

## PROGRAMMABLE FEATURES (included in setup utility)

- "Total Soft" architecture allows programming of both configuration and firmware updates
- Download or upload using either a PC keyboard or scanner port
- Each key is programmable with a varying length string
- Additional character support is through multilevel CARY<sup>3D</sup> programming
- Automatic repeat (typematic) and audible beeper are selectable on a per-key basis
- Advanced variable-length macro capability allows extensive data manipulation on all keyboard or peripheral programming strings
- Enhanced wedge capabilities include the following:
  - Barcode: preamble and postamble
  - Magnetic stripe: preamble, postamble, and field separator LRC suppression
  - Keylock: Programmable header
- Control of upstream keyboard using a manager's key
- Programmable key output suppression based on keylock position, including Ctrl, Alt, Shift macro capability, and CARY<sup>3D</sup> level shift Control

## ENVIRONMENTAL

- Ambient temperature  
0° to 40°C / 32° to 105° F
- Relative humidity  
20 to 90%

## ELECTRICAL

- Keyboard power  
+5Vdc + 1% 450 mA maximum
- Scanner port power  
+5Vdc = 1% 900 mA maximum
- ESD: 20 Kv minimum, keylock 17 Kv
- EMI-RFI: In accordance with  
FCC Part 15, Subpart B, Class B.
- Rollover: N-Key
- Magnetic stripe: ISO 7811/2/3
- Memory size: 256 Kbits

## MECHANICAL

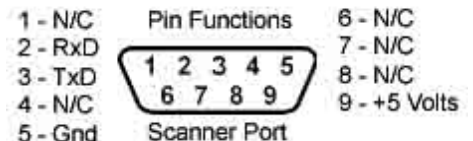
- Width: 20.25"
- Depth: 7.25"
- Height: 2.76"
- Weight: 3.6 pounds / 1.7 kg
- Key-switches: Travel: 3mm  
Actuation force – Function  
keys 40 gm; QWERTY keys 65 gm
- Cycle life: 5 million operations (minimum)

## MATERIAL:

- Enclosure: ABS UL 94 HB rated
- Numeric keys: ABS double slot
- Function keys: ABS with clear  
Snap-in lenses
- Keylock switch housing:  
6/6 nylon (UL 94V-2)  
Tumblers: Brass  
Keys: 2 sets of three-coated, nickel-plated brass
- Switch: Silicon rubber with conductive rubber pill contact
- Cable: 6.5 feet / 2 m with molded DIN or Mini-DIN connector

## COMMUNICATIONS:

- Keyboard port: Upstream AT or PS/2-compatible 5 or 6-pin mini-DIN.
- Scanner port: Industry-standard serial scanner interface



NRT Technology Corporation  
10 Compass Court  
Toronto, Ontario, Canada M1S 5R3  
Tel: (416) 646-5232  
Fax: (416) 646-5242

Web site:  
[www.nrtpos.com](http://www.nrtpos.com)  
e-mail:  
[nrtinfo@nrtpos.com](mailto:nrtinfo@nrtpos.com)

NRT Technologies Inc.  
6380 S. Valleyview Blvd, Suite 420  
Las Vegas, Nevada, USA 89118  
Toll Free (866) 430-7630  
Fax: (702) 407-7625