



# SC8000

## *Industrial Controller*

### Features

- Industrial PC architecture
- Intel 486 microprocessor
- 128 KB High speed cache
- Up to 64 Mbytes RAM
- 10" BW/Color VGA display
- Industrial keyboard with 66 keys
- WINDOWS/MS-DOS operating system
- Expansion slots for PC/104 cards
- 4 serial, 1 parallel and 1 Ethernet network adapter on board
- Rugged industrial case

### Applications

- Real time data collection and system control for omni-directional reading stations
- Parcel sorting stations
- Baggage and cargo sorting systems

### General Description

Datalogic **SC8000** is a powerful system controller, based on an industrial PC architecture, specialized in real time data collection, elaboration and systems supervision. Modern applications in the logistic field need to collect a large amount of data in a very short time interval, to elaborate this information in real time, transmit the data through very high speed channels and to provide a user-friendly interface.

This technological trend is even more true for material handling applications using bar code technology. **SC8000** fully satisfies all these needs.

**SC8000** is fitted with specialized hardware and software to collect data from Datalogic bar code readers through a fast bus protocol at 1.25 Mb/sec.

The standard industrial PC architecture of **SC8000** is based on Intel 486/Pentium microprocessor with a Windows 95 or MS/DOS operating system.

The standard HW and SW platform executes specialized programs for real time elaboration or any kind of DOS compatible SW programs.

The **SC8000**'s open architecture provides expansion slots for PC/104 standard cards, available for any kind of serial interfaces and I/O cards, based on which **SC8000** can control and activate local devices or switches.

**SC8000** is equipped with 4 serial ports, an Ethernet interface and an optional hard disk for local data storage.

The Datalogic industrial controller allows data input with an industrial keyboard and provides a very user friendly interface based on the VGA display.

The **SC8000** unit is an industrial device suitable for harsh environments.

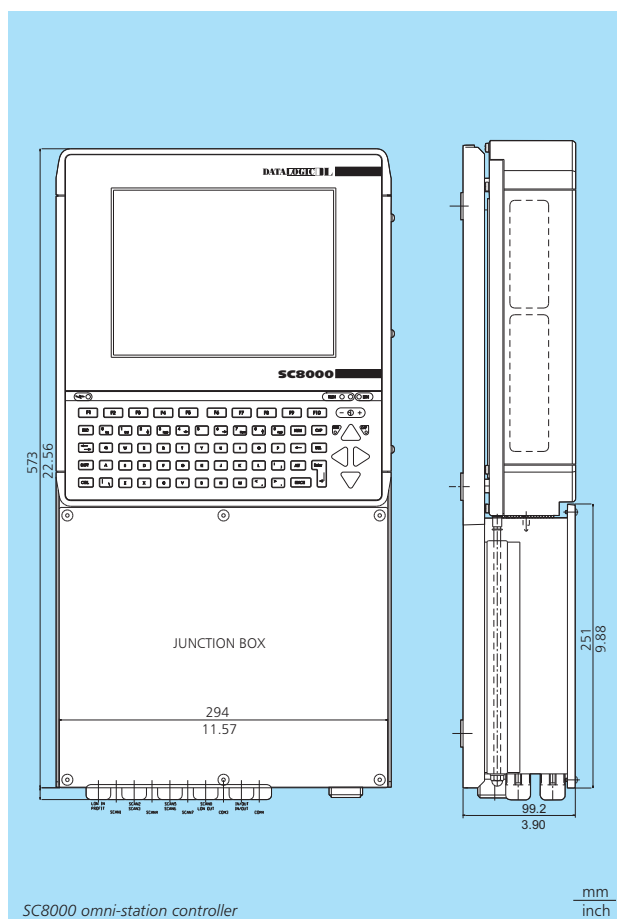
## Models and Accessories

MODEL	DESCRIPTION	ORDER NO.
SC8000-2100	Omni-station controller	935601010
SC8000-4100	Omni-station controller, full option configuration	935601030

### Specifications

POWER SUPPLY	24 Vdc $\pm$ 20%
POWER CONSUMPTION	36 W
ARCHITECTURE	Standard industrial PC + active J-Box
CPU TYPE	80486 133 MHz
CACHE MEMORY	128 KBytes
RAM MEMORY	8 MBytes
STORAGE MEMORY	2 GB HARD DISK/FLASH DISK
DISPLAY TYPE	10" VGA BW (SC8000-2xxx) 10" VGA COLOR (SC8000-4xxx)
KEYBOARD	66 keys
INTERFACES	COM1/2 RS232; COM3 RS232/RS485HD COM4 RS232/RS422/RS485/20 mA C.L. Parallel Bi-directional Ethernet 10 Base T Lonworks 1.250 Mb/s
EXPANSION SLOT	PC/104
DIGITAL SIGNALS	8 input/8 output
DIMENSIONS	573 x 300 x 99.2 mm (22.56 x 11.81 x 3.9 in)
WEIGHT	13.4 Kg. (29.48 lbs.)
OPERATING TEMP.	-10 to 50 °C (14 to 122 °F)
STORAGE TEMP.	-20 to 70 °C (-4 to 158 °F)
HUMIDITY	90% non condensing

### Dimensions



**DATA LOGIC DL**  
*Bar Code & More*

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