GENERAL GUIDE / OPTIONS

Left side
DT-930M51E

- Reader Port
- Read Indicator
- LCD Screen
- L Trigger Key
- Power Key
- Keyboard

Right side
DT-930M50E

- Buzzer
- R Trigger Key
- Backup Battery Compartment
- AA-size Alkaline Battery (2 pcs)
- Battery Pack Compartment
- Battery Pack DT-923LIB
- Power Contacts IR Port

Satellite Cradle DT-964IOE
AC Adaptor AD-S42120AE
Bridge Basic Cradle HA-E60IO
AC Adaptor AD-S15050AE
Basic Cradle DT-960IOE
Cradle-type Battery Charger DT-969CHGE
AC Adaptor DT-9020ADP-GS DT-9020ADP-US

Model	Reader Port	Laser scanner	Bluetooth
DT-930M50E	Angled type	Yes	Yes
DT-930M51E	Straight type	Yes	Yes

*The DT-930 series is not available in the USA and Canada.

SPECIFICATIONS

CPU — SH1 (32-bit RISC type)

Memory
- **RAM** — 4 MB (User area: Approx. 1.6 MB)
- **F-ROM** — 16 MB (User area: Approx.12.5 MB)

Display
- **Type** — Monochrome FSTN LCD
- **Resolution** — 128 x 64 dots
- **Font size** — 6, 8, 10 dots
- **No. of display fonts** — 210 in 6-dot mode (6x6 dots per font)
  105 in 6-dot mode (6x12 dots per font)
  128 in 8-dot mode (8x8 dots per font)
  64 in 8-dot mode (8x16 dots per font)
  72 in 10-dot mode (10x10 dots per font)
  36 in 10-dot mode (10x20 dots per font)
- **Backlight** — LED
- **Indicator** — 3-color (blue, green, red) LED

Input
- **Keyboard** — Numeric (Alphabet) keys, CLR key, BS key, S key, Multi-function (L/R) keys, F1 to F8 keys, Power key
- **Trigger key** — 2 (on left and right sides)

Laser scanner
- **Type** — Semi-conductor laser light
- **No. of scannings** — 100 per second
- **Resolution** — 0.127mm

	DT-930M50E (Angled type)	DT-930M51E (Straight type)
Readable distance	0 to 400 mm	0 to 450 mm
Readable width	60 to 360 mm (at maximum distance)	65 to 390 mm (at maximum distance)

- **Readable symbologies** — EAN8, EAN13, UPC-A/E, CODABAR, CODE39, CODE93, CODE128/EAN128, ITF, MSI, IATA, Industrial 2 of 5

Interface
- **Bluetooth®** — Bluetooth Version 1.2 compatible
- **Infrared** — IrDA 1.1 compatible (Maximum: 4 Mbps, up to 20cm)

Buzzer
- **Sound volume** — 75 dB or greater
- **Vibrator** — Comes as standard

Power
- **Operation** — AA-size alkaline battery (2 pcs) or DT-923LIB lithium-ion battery pack
- **Memory backup** — Lithium battery (CR2032)
- **Battery capacity** — 540 mAh (DT-923LIB)
- **Operating period** — With AA-size batteries : Approx. 200 hours*
  *Under conditions of scanning twice per 10 seconds and at room temperature
- **Memory backup period** — With only memory backup battery : 1 month*
  * Backed up with only memory backup battery and at room temperature

Environment
- **Operating temperature** — -20 …C to +50 …C
- **Storage temperature** — -20 …C to +70 …C
- **Operating humidity** — 10% to 80%RH (no condensation)
- **Storage humidity** — 5% to 90%RH (no condensation)
- **Dust/Water-splash proof** — IP54 level (compliant with IEC60529)
- **Drop durability** — From 1.8 m in height to concrete floor

Dimensions and weight
- **Dimensions** — DT-930M50E: Approx. 57.4 (69.0*) W x 180.0 D x 21.9 (40.2**) H mm
  DT-930M51E: Approx. 57.4 (69.0*) W x 173.0 D x 21.9 (31.6**) H mm
  * : Display's external dimensions ** : Reader portion's external dimensions
- **Weight** — DT-930M50E: Approx. 225 g
  DT-930M51E: Approx. 210 g
  The weights include two AA-size alkaline batteries.

Application development tool — Hitachi SH-C Compiler

Compliance
- **Safety** — EN60950 (UL60950 compatible)
- **EMC, EMI** — EN55022/EN55024 (FCC Part 15B compatible)
- **Bluetooth® type approval** — EN300328/EN301489 (FCC Part 15C, RSS-210 compatible) Bluetooth logo certification
- **Laser** — EN60825 (FDA compatible)

CASIO COMPUTER CO., LTD.
Tokyo, Japan

http://world.casio.com/system/pa/

BW0606-010001A Printed in Japan
Printed on recycled paper

A New, Improved High-Performance Data Collection Terminal

- High-performance scanner with a resolution of 0.127 mm and maximum scanning distance of 450 mm
- Excellent drop impact resistance (1.8 meters in height), IP54 level dust and water-splash protection, and a wide operating temperature range of -20ºC to 50ºC
- 2-way power supply; either AA-size alkaline batteries or rechargeable battery delivering long periods of continuous operation (approx. 200 hours when powered by two AA-size alkaline batteries)
- Large backlit keys
- IrDA (Version 1.1) and Bluetooth (Version 1.2) integrated as standard
- Large memory (RAM 4MB and F-ROM 16MB)
- Full software and cradle compatibility with DT-900 series

Bluetooth®

Easy-to-hold, easy-to-operate slim device that can withstand harsh working environments

Data Collection Terminal

STOCK CONTROL 08/05/25 No.00001
CLERK   NO.00930
PRODUCT CODE   0
[49123456   ]
QTY   [

Actual size
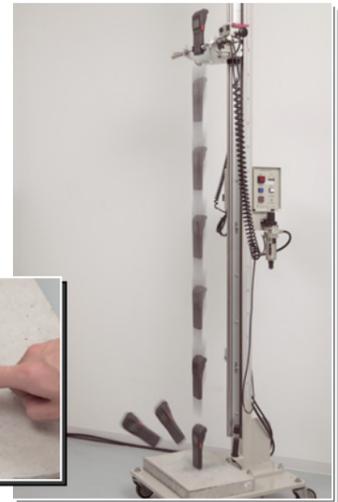
Built-in high-performance scanner

A built-in high speed laser scanner is provided as standard with the latest decoder capable of reading all types of industry standard 1D bar code symbologies. Higher resolution (0.127 mm) and improved scanning distance (450 mm maximum) ensure great accuracy of bar code reading. In addition, a scan width control (laser beam swing angle control) function is included to prevent the misreading of adjacent bar codes.For scan complete confirmation, a large green LED, vibrator, or beep or any combination of these can be selected according to your working environment.

Two models are available to suit different applications: DT-930M50E has a downward scanning angle and DT-930M51E has a straight scanning angle.

Integrated Bluetooth for wireless communications

The latest version of Bluetooth is integrated as standard in all models to allow wireless communications with portable Bluetooth label printers, greatly improving efficiency and flexibility. For example, you can print shelf edge labels on a belt printer right in front of a shelf in your store.
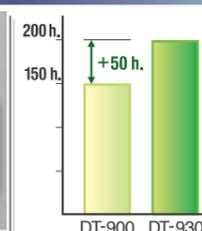
Robust and durable

The DT-930 is designed and built to withstand harsh working environments. It should suffer no adverse effects to its operation when dropped from 1.8 meters in height to a concrete floor.
It features excellent dust and water-splash protection that meets the requirements for the IP54 level of the International IEC60529 standard. The DT-930 can also operate in severe temperatures within the range -20℃ to 50℃.

Improved ease of use and visibility

The large keys with a responsive click touch enable error-free key operations even when the user is wearing gloves. Backlit keys are employed to enable keypad operation in poor lighting conditions. The STN display, which includes a phase compensation film, provides maximum brightness and can display large fonts, which greatly improves screen visibility. In addition, a large 3-color LED in either green, blue or red can vividly light up to indicate an event. All these features help to ensure comfortable use for long periods in dark environments such as warehouses.

Long battery life, two-way power supply

200 h.
150 h. +50 h.
DT-900 DT-930

An exceptionally long period of continuous operation has been achieved (approx. 200 hours with two AA-size alkaline batteries), thanks to the power-saving design and effective power-management features employed in the DT-930 series. Furthermore, the DT-930 provides a choice of power source: two AA-size alkaline batteries or a rechargeable lithium-ion battery.

Large memory

In addition to 4MB of RAM, the DT-930 has a 16 MB F-ROM storage area which can be used for the backup of applications and data. This prevents the loss of data if the user allows the battery to completely run down.

Full software and cradle compatibility with DT-900 series

DT-930 DT-900

Applications developed for the existing Casio DT-900 series handheld terminal, which has been widely deployed in the scanning-based vertical markets, can be easily ported to the DT-930 series thanks to a high degree of software compatibility. Besides software compatibility, the DT-960IOE Basic Cradle and DT-964IOE Satellite Cradle for the DT-900 series can also be used with the DT-930 series.This not only preserves your investment in software and some of the dedicated peripherals but also allows the DT-930 series to be used in conjunction with the DT-900 series in mixed deployments.