

DT-900

CASIO

Most Advanced Data Collection Terminal with Robust, Slimline Design



- **Optimum Battery Performance and Dual Power Supply**
150 hours continuous operation with Alkaline batteries or
30 hours with Rechargeable battery
- **Large Memory Capacity**
2MB RAM plus 1MB FROM back-up memory
- **Large Display**
5-line×21-character large LCD display
- **Tough and Robust**
Durability against a drop from a height of 1.5m
- **Multiple Interfaces**
Integrated IrDA (version 1.2)
3-way I/O Box system (Master, Satellite and Basic I/O Boxes)

Options and System Configuration

DT-900



DT-900M51E (2MB)



DT-900M50E (2MB)

I/O BOX

- DT-900D-E (Basic I/O Box)
- DT-904D-E (Satellite I/O Box)
- DT-905D-E (Basic I/O Box with 32C interface)
- DT-906D-E (Basic I/O Box with LAN interface)



Battery Pack

- DT-903L4 (Lithium-ion battery pack)



Battery Recharger

- DT-909D-C (I/O Box type recharger)



AC Adaptors

- DT-905ADP-G (230VAC, DT-900D-E, DT-904D-E, DT-905D-E)
- DT-905ADP-U (120VAC, DT-900D-E, DT-904D-E, DT-905D-E)
- DT-905ADP-G (230VAC, DT-900D-E and DT-909D-C-E)
- DT-905ADP-U (120VAC, DT-900D-E and DT-909D-C-E)



Cables

- DT-902RSC (RS-232C cable, 14 pin, 25-pin male, DT-900D-E and PC)
- DT-902RSC (RS-232C cable, 14 pin, 25-pin female, DT-900D-E and PC)
- DT-902AX (RS-232C cable, 14 pin, 9-pin female, DT-900D-E and PC)
- DT-902RSC (RS-485 cable, DT-900D-E and DT-900D-E)
- DT-902RSC-E (RS-232C cable, straight, DT-904D-E and host/PC)
- DT-902RSC-E (RS-232C cable, cross, male, DT-904D-E and PC)
- DT-902RSC-E (RS-232C cable, cross, female, DT-904D-E and PC)
- DT-902AX (RS-232C cable, cross, 9-pin, DT-904D-E and PC)
- DT-902RSC (RS-422 cable, DT-904D-E and DT-904D-E)
- SB-702HF (SCSI cable, maximum 50-pin)
- SB-702HH (SCSI cable, maximum half 50-pin)
- SB-702HP (SCSI cable, half 50-pin)



Specifications

		DT-900M50E	DT-900M51E
CPU		32-bit RISC CPU	
Memory		RAM 2MB+F-ROM backup memory 1MB	
Scanner	Method	Semi-conductor laser	
	Readable Barcode width	Maximum 65 mm (with the method of direct contact)	
	Readable distance	0 to 380 mm (with the resolution of 1.0 mm)	
	Resolution	Maximum 0.15 mm	
	Readable barcodes	WPC, NW-7, ITF, CODE39, CODE93, CODE128, MSI, IATA, Industrial 2 of 5, EAN 128	
	Scanning speed	100 times per second	
Display	Other function	Laser swing angle control	
	No. of dots	128 × 64 dots	
	Fonts	ANK, Kanji (JIS levels 1st, 2nd, User-defined fonts × 128)	
	Font sizes	12-dot, 16-dot, 20-dot	
	No. of display fonts	12-dot Kanji 10 digits × 5 lines, ANK 21 digits × 5 lines, Reduced ANK 21 digits × 10 lines 16-dot Kanji 8 digits × 4 lines, ANK 16 digits × 4 lines, Reduced ANK 16 digits × 8 lines 20-dot Kanji 6 digits × 3 lines, ANK 12 digits × 3 lines, Reduced ANK 12 digits × 6 lines	
	Dot pitch	0.3 × 0.35 mm	
Input	Backlight	Yes (EL method)	
	Status LED	One (in colors of red and green)	
	No. of keys	11 = Numeral key, 5 = Control key, 8 = Programmable key	
Interface	Trigger key	2 (on both the right and left sides)	
	Multiple functions key	2 (L and R keys)	
Interface	Infrared	(IrDA ver.1.2 Standard (Max. 115.2 Kbps)	
	Serial	14-pin	
Buzzer		4 gradations (Large, Medium, Small, OFF)	
Power Supply	Main power supply	AA-size alkaline battery × 2 pcs or Lithium-ion battery	
	Sub-power supply	Lithium battery	
	Battery life	150 hours (AA-size alkaline battery × 2 pcs), or 30 hours (Lithium-ion battery)	
	Backup duration	Approximately 1 month (with only sub-battery)	
Dimensions and Weight	Dimensions(L×W×H)	173 × 58 × 21.4 mm (approx.)	173 × 58 × 21.4 mm (approx.)
	Weight	210g (approx.)	199g (approx.)
Environment Data	Operating temperature	-5 to +50°C	
	Wet splash proof	IP-2	
	Drop durability (height)	150cm	
Software	Compiler	Hitachi SH-C	
	Communication utility	Yes (LMWIN, MULTIDROP)	
	Development tool	Yes	

Specifications for I/O Box

		DT-904D-E (Satellite)	DT-900D-E (Basic)
PC interface		RS-232C (Max. 115.2 Kbps)	RS-232C (Casio original protocol)
Max. connectable units		8	16
Dimensions and Weight	Dimensions (L×W×H)	Desk top state 220×110×100mm (approx. without measuring projection part) Wall hanging state 220×110×110mm (approx. without measuring projection part)	
	Weight	Desk top state 470g (approx.)	Desk top state 400g (approx.)
		Wall hanging state 480g (approx.)	Wall hanging state 410g (approx.)

• This catalog is current as of July 2002 • Specifications and design are subject to change without notice • Displays shown in this catalog are photographic images



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Product name and model numbers are subject to change