

## *Ruggedized Industrial Handheld Terminal with a built-in C-MOS imager and extended battery life*

### Superb scanning performance with an integrated C-MOS imager



The industry standard 1D bar code symbologies supported. Furthermore, the most widely used 2D symbologies such as PDF417, MicroPDF, Codablock F, etc. are supported. Successful scans can be confirmed with any combination of LED, buzzer or vibration for noisy environments.

### Up to 80 hours of continuous operation



With two AA alkaline batteries it is possible to operate continuously for up to 42 hours. Using the large capacity lithium-ion battery pack, it is possible to operate for 80 hours. The combination of power efficient components and high level power management functions has made it possible to achieve optimum battery performance. This helps minimize running costs and reduce daily operational costs.

### Rugged durability for inclement weather and rough handling

With a strong magnesium inner case and tough resin outer case, the DT-X5 can withstand a fall from up to 5.9 feet (1.8 meters). It operates in temperatures ranging from -4°F to +122°F (-20°C to +50°C) and meets the IP54 level compliant for dust and splash protection.

- *C-MOS imager for scanning 1D/2D symbologies and image capture*
- *Up to 80 hours of continuous operation using alkaline batteries*
- *Rugged durability for inclement weather and harsh handling*
- *Clear display with white backlight*
- *Microsoft® Windows® CE .NET operating system*



## GENERAL GUIDE / OPTIONS



## SPECIFICATIONS

<b>CPU</b>	SH3 (32-bit RISC type)	<b>Vibrator</b>	Comes as standard
<b>OS</b>	Microsoft®Windows®CE.NET 4.1 English Version	<b>Power</b>	Lithium-ion battery pack (HA-A20BAT or DT-5025LBAT)
<b>Memory</b>		<b>Operation</b>	AA alkaline dry cell x 2 pcs (DT-X5M10E/M30E/M30U only)
<b>RAM</b>	16 MB (RAM Disk area approx. 7.5 MB)	<b>Memory backup</b>	Lithium battery (rechargeable) on board
<b>F-ROM</b>	64MB (User area: Approx.30MB)	<b>Battery capacity</b>	HA-A20BAT 1,700mAh DT-5025LBAT 3,400mAh
<b>Display</b>		<b>Operating period</b>	Approx. 42 hours (AA alkaline dry cell x 2)* Approx. 40 hours (HA-A20BAT)* Approx. 80 hours (DT-5025LBAT)*
<b>Type</b>	Monochrome FSTN LCD	<b>Memory back up period</b>	*Based on 2 scans per 10 seconds RAM : Approx. 3days, Clock : Approx. 4 weeks (Assuming that the Lithium battery is fully charged.)
<b>Resolution</b>	128 x 160 dots	<b>Environment</b>	
<b>Backlight</b>	LED	<b>Operating temperature</b>	-4°F to 122°F (-20°C to +50°C)
<b>Indicator</b>	2-color (red, green) LED x 2	<b>Storage temperature</b>	-4°F to 158°F (-20°C to +70°C)
<b>Input</b>		<b>Operating humidity</b>	10% to 80%RH (no condensation)
<b>Keyboard</b>	Numeric (Alphabet) keys, CLR key, Execute key, Cursor key, Power key, Fn key, F1 to F8 keys, Multi key, L, R keys	<b>Storage humidity</b>	5% to 90%RH (no condensation)
<b>Trigger</b>	2 (left / right)	<b>Dust/Water-splash proof</b>	IP54 level (complaint with IEC60529)
<b>C-MOS imager</b>		<b>Drop durability</b>	From 5.9 feet (1.8 m) in height onto concrete floor
<b>Type</b>	C-MOS imager, 300,000 pixels, monochrome (Redirected downward at 20 degree)	<b>Dimensions and weight</b>	
<b>Resolution</b>	0.15 mm (1D symbologies), 0.169 mm (Stacked 2D symbologies)	<b>Dimensions</b>	Approx. 2.13 (2.76)* W x 7.05 D x 0.84(1.69)* H inches Approx. 54 (70)* W x 179 D x 21.4(42.8)* H mm Approx. 8.64oz / 0.54lb / 245g
<b>Readable distance</b>	40 to 410 mm (1D symbologies), 50 to 250 mm (Stacked 2D symbologies)	<b>Weight</b>	
<b>Readable 1D symbologies</b>	EAN8, EAN13, UPC-A/E, NW-7(CODABAR), CODE11, CODE39, CODE93, CODE128/EAN128, ITF, MSI/Plessey, IATA, RSS-14, RSS Limited, RSS Expanded, ISBT	<b>Application development tool</b>	eMbedded Visual C++ 4.0
<b>Readable 2D symbologies</b>	CODE49, PDF417, MicroPDF, Codablock F, EAN8/13 Composite, RSS Composite, UCC/EAN128 Composite, TLC39, RSS-14 (Stacked), RSS Expanded (Stacked)	<b>Compliance</b>	
<b>Interface</b>		<b>Safety</b>	EN60950 (UL60950 compatible)
<b>Bluetooth</b>	Bluetooth® Version 1.1 compatible	<b>EMI, EMC</b>	EN55022/EN55024 (FCC Part 15B compatible)
<b>Infrared</b>	IrDA 1.1 compatible (Maximum : 4 Mbps, up to 30cm)	<b>Bluetooth type approval</b>	EN300328/EN301489 (FCC Part 15C, RSS-210 compatible) Bluetooth logo certification
<b>Buzzer</b>			
<b>Sound volume</b>	2 sound volumes		

\* figures in ( ) include the display block

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