

EXTECH PRINTERS

Rugged and lightweight



The Extech contemporary, lightweight and rugged receipt printers are designed to withstand the demands of mobile computing. With belt loop system or shoulder strap they are easy to wear in an ergonomic way.

With multiple communication interfaces the printers are easy to integrate. There are options of integrated Bluetooth as well as 802.11b module for state-of-the-art wireless communication. Optional built-in 3-track magnetic card reader and/or smart card reader makes the printers even more versatile.

The printers have Flash memory and are MS-DOS and Windows compatible with full-speed handshake. Print drivers are available for Windows 95, 98, 2000, XP and print utilities available for all CE and Palm based operation systems. The Lithium Ion battery provides more receipts per charge and the fast printing reduces waiting time.

The printers are in-field programmable for firmware, font and logo setup – add logos, bar codes and other graphic elements. Resident fonts to enable printing from 10 to 26 characters per inch, depending on module.

	S2500	S3750THS	S4500THS
Dimensions (W x L x H)	107x138x68mm	120x152x57mm	165x190x70mm
Total weight	465g	580g	850g
ENVIRONMENTAL SPECIFICATIONS			
Operating Temperature	-10° to 50°C	-10° to 50°C	-10° to 50°C
Storage Temperature	-20° to 60° C	-20° to 60° C	-20° to 60° C
Humidity	Up to 90% RH (non-condensing)	Up to 90% RH (non-condensing)	Up to 90% RH (non-condensing)
Drop	IEC 68 Certified; 1.5 meters to concrete		
PRINT MECHANISM			
Dots per line	384	576	832
Printing width	48 mm	70 mm	104 mm
Resolution	8 dots/mm	8 dots/mm	8 dots/mm
Paper feed Pitch	0.125 mm	0.125 mm	0.125 mm
Printing Speed	50 mm/sec linear at 7.2 Volts	50 mm/sec linear at 6 Volts, 4 to 7 lines per sec	50 mm/sec linear at 7.2Volts, 25% print density
STANDARD OPERATING FEATURES			
Character Set	ASCII International and IBM graphic set plus downloadable option. All font tables are infield downloadable.		
Bar Code	Codes 39, 128, 2 of 5, UPC-A, UPC-E, UPC/EAN-8	Codes 39, 128, 2 of 5, UPC-A, UPC-E, UPC/EAN-8, UPC/EAN-13, Codabar	Codes 39, 128, 2 of 5, UPC-A, UPC-E, UPC/EAN-8, UPC/EAN-13, Codabar and 2-D Barcode (PDF 417)
Character Per Line	24, 32, 38, 40, 42, 4	36, 48, 57, 60, 63, 72	40 or 80
Character Size	3x2, 3x1.5, 3x1.15, 3x1	3x2, 3x1.5, 3x1.15	@40 ch/line 23x20 @80 ch/line 23x10
Print contrast	Auto and user selectable	Auto and user selectable	Auto and user selectable
Print output	Double high, double wide and bold print, and on S45THS underline print and reverse print		
COMMUNICATION			
Interface	RS232C and IrDA standard, Bluetooth option. S3750THS and S4500THS also has 802.11b option		
PRINT MEDIA			
Paper Width	57 mm (2.25")	80 mm (3.125")	112 mm (4.125")
Lines of Print/roll	5200 (1.5" diameter roll, 0.4" core, approx 60' long)	4400 (1.375" diameter roll, 0.4" core, approx 15m or 48' long)	4400 (2.0" diameter roll, 0.4" core, approx 100' long)
Paper Rolls Per Charge	~6	~8	~4
POWER			
Battery	2 cell Lithium Ion, 2200mAh	2 cell Lithium Ion, 2200mAh	2 cell Lithium Ion, 2200mAh
Battery recharge	Internal 180 min fast charge with auto switch to top off charge; over voltage, over current and over heat-protection		
USER INTERFACE			
Status Indicators	3 LEDs (2 multifunction) - Power/ERROR, Charging, Ready/Fault	3 LEDs (2 multifunction) - Power/ERROR, Charging, Ready/Fault	3 LEDs (2 multifunction) - Power/Communication, Mode, Battery Status/Charging, Ready/Fault
Connections	RJ type (6 pin) for Data, I/O, DC input power jack for wall mount adapter, IrDA with Ambient Light Filter, integrated Bluetooth radio module (optional) integrated magnetic card reader (optional). S3750THS and S4500THS has also got options of integrated 802.11b radio and integrated smart card reader.		
Options	Belt loop (also included as standard), shoulder strap, spare paper (pack of 5 rolls), spare battery, Coiled Cable (RJ to D9)		