



Formula 734-E/RF

Pocket-sized RF Laser Terminal

FEATURES

- Extremely compact and sturdy
- Very light weight (215 g)
- Large data and programme memory capacity and "Overspeed" capability
- User-friendly interface
- 100% compatibility with STAR-System™
- Conformance with the European ETSI standard EN 300 220-3
- Excellent price/performance ratio

APPLICATIONS

- Goods shipping/receiving
- Inventory
- Picking
- Warehouse management
- Shop Floor
- Access Control
- Order management

GENERAL DESCRIPTION

If your company is committed to implementing a profitable data capture project, with the right mobile device, the **Formula 734-E/RF** is the solution you are looking for to maximise its success and return on investment.

To improve the efficiency of your company in terms of work in progress, inventory tracking and productivity the right choice is to select the **Formula 734-E/RF**, a lightweight, pocket-sized and fully programmable radio frequency terminal.

It solves the most complex application needs and exploits the "overspeed" feature to boost software performance, has 512KB of RAM memory for managing large databases and 512KB of Flash memory for application programmes of large dimensions.

Software developers can easily customise applications according to the specific needs of the end user by using the DS for Formula™ software package and integrating the **Formula 734-E/RF** within the new Datalogic STAR-System™, the RF narrow band solution for mobile applications. Bar code reading capabilities are the best you can desire due to the high performance and high visibility laser engine, while the long life batteries assure large autonomy, able to cover more than one work shift.

The wide backlit LCD display, with 4 lines and 16 characters, clearly shows much information while the practical 25-key alphanumeric keyboard allows data to be input very quickly.

The compact sized and lightweight **Formula 734-E/RF** offers the operators the best ergonomics. Protection against bumps, dust and water are all features that make the **Formula 734-E/RF** suitable for intensive use even in industrial environments. If your costs are growing or your profits are slipping, don't miss the opportunity to enhance your ERP/WMS system operations with this mobile data capture device which provides the best price/performance ratio of its category!



MODELS AND ACCESSORIES

PRODUCT	DESCRIPTION	ORDER NO.
F734-E/RF 512	F734-E/RF Enhanced Radio Pocket Terminal 512KB	941554000
ACCESSORIES		
STARGATE™	STARGATE™ RF433MHz Base Station	946104060
F951/C	Charger	94A15400X
F951	Transceiver/Charger - RS232 / RS485	94A15401X
F950/4/C	Charger - 4 slots	94A15402X
F950/4	Transceiver/Charger - 4 slots - RS232 (x1) / RS485 (x4)	94A15403X
F950/4/RS232	Transceiver/Charger - 4 slots - RS232 with NCK for RS485	94A15404X
F902	T-Box	94ACC4020
NCK	RS485 Network/PC connection kit (1)	94ACC400X
FBK73X-E	Battery Kit Ni-MH F734-E	94ACC1110
FBS73X-E	Battery Kit Ni-MH F734-E (5 pcs pack)	94ACC1120
FLH734	Leather holster	94ACC4010
FCB232 D 9 F	RS232 serial connection cable for PC/AT (9-pin type D Female) 2 m	94A054000
DS FOR FORMULA™	Development system for Formula Basic Line	94A104860
CA51 Compiler	8051 Compiler kit V6 for F6xx and F7xx	94A104890

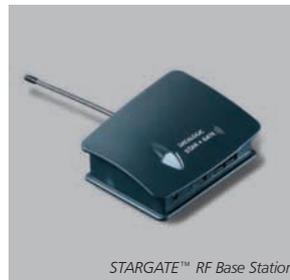
*X=1 - power supply for USA; 2 - power supply for Europe; 4 - power supply for UK; 5 - power supply for Australia

SPECIFICATIONS

OPERATIVE SYSTEM	Datalogic proprietary	SERIAL COMMUNICATION	Infrared (via optocoupler) between F734 and F951 or F950/4, RS232 or RS485 between F951 or F950/4 and PC or Host
PROCESSOR	8 bit CMOS	POWER SOURCE	650 mAh NiMH rechargeable batteries
PROGRAMME MEMORY	512 KB Flash dedicated to the application program	AUTONOMY	24 h, with reading every 45"
DATA MEMORY	512 KB RAM for data	BATTERY CHARGING	Via Formula 951 single slot Transceiver/Charger or Formula 950/4 multiple slot Transceiver/Charger
DISPLAY	Graphic high-contrast LCD with backlight	DIMENSIONS	209 x 56 x 37 mm (8.2 x 2.2 x 1.5 in)
SCREEN FORMAT	4 lines x 16 characters	WEIGHT	215 g (7.6 oz)
KEYBOARD	Alphanumeric with 25 silicon rubber keys	OPERATING TEMP.	0 to 50 °C (32 to 122 °F)
SIGNAL TO OPERATOR	Bicolour LED; Piezoelectric buzzer; programmable frequency and duration	DROP RESISTANCE	Resists drops from 1m (3.3ft) onto concrete
CLOCK/CALENDAR	Quartz controlled RTC; programmable date and time	ENVIRONMENTAL PROTECTION	Industrial, protected against dust and water
SCANNING RATE	36 scans/sec		
MINIMUM RESOLUTION	0.127 mm (5 mils)		
DEPTH OF FIELD	3 to 70 cm (1.2 to 27.6 in), depending on bar code thickness		
READING ANGLES	±65° skew; ±55° pitch		
BAR CODES	EAN 8, EAN 13, UPC/A-E, 2/5 family, Code 128, Code 93, Code 2/7, Code 3/5, 3/9 family, MSI, DELTA A IBM		
LASER CLASSIFICATION	VLD - Class II		
RADIO COMMUNICATION			
RADIO FREQUENCY	433.92 MHz		
RADIO POWER OUTPUT	<10 mW		
RADIO RANGE*	50 m (16.4 ft)		
DATA TRANSFER RATE	up to 19.200 baud		
CONFORMITY	European ETSI standard EN 300 220-3		

* The radio range depends on the environment characteristics

ACCESSORIES



STARGATE™ RF Base Station



DS for Formula™ Package



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We reserve the right to make modifications and improvements

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Datalogic Quality Partner

