PALMO S115

HANDHELD PORTABLE READER
HIGH-PERFORMANCE RFID IN THE PALM OF YOUR HANDS

Palmo S115 is a powerful handheld terminal to read and write smart labels operating at 13.56 MHz. It is robust enough to withstand harsh conditions in industrial environments. User-friendly and easy to program, Palmo S115 features a small keyboard with alphanumeric functions and small LCD screen. It offers good operating and storage durability.

Palmo S115 has a non volatile memory of 1 Mbyte divided into 2 blocks for program code and data storage, as well as a RAM of 16 Kbytes. This terminal can be charged on its cradle while communicating with the host computer over an RS232 interface.

Technical Specifications:

Keypad	17 rubber keys	
Display	Graphic back lit LCD screen / 120 x 32 pixels/up to four 20-character lines	
Communication Interface	IR connection between the terminal and cradle, up to 38.4 KBauds	
Cradle	IR/RS232 interface/Up to 38.4 Kbauds + Battery loading function	
Reading/Writing Distance*	40 mm (1.5 inches) with Ario 10-SM	30 mm (1.5 inches) with Ario 40-SM
	70 mm (3 inches) with Ario 10-LM	55 mm (2.2 inches) with Ario 40-LM
Application Development Software	Programming in C language under Windows® Development Kit sold separately	
Flash Memory	512 Kbytes for code and 512 Kbytes for data storage	
RAM	16 KBytes	
Operating Time	18 hours in standard mode	
Power management	Recharge Time: 10 hours	
RFID Compliance	C210/C240-based smart labels	
Size (L x W x H)	210 x 75 x 35 mm (8 x 3 x 1.5 inches)	
Weight	323 grams with battery / 196 grams without battery	
Environmental Durability	Operating: 0°/+50°C (+32°/+122°F) Storage: -20°/+70°C (-4°/+158°F)	
Supplied With	Pre-loaded Demonstration Software, cable (RJ45DB9 cable for external RS232 connection), power supply, 1 battery	
Conformity	CE, ARIB T60 Japanese Standard compliance	
Antenna Compatibility	Antenna already included into reader	

* *Performance varies according to smart label type and size as well as antenna size*