

5 TECHNICAL FEATURES

5.1 JOYA™ SHOPPER ASSISTANT

5.1.1 Joya+™

HARDWARE AND SOFTWARE FEATURES

Processor:	PXA270, 32-bit, 520MHz
System Memory:	128 MB RAM, 128 MB Flash
Operating System:	Windows CE 5.0
Shopevolution™ Software:	Shopevolution™ XML-Client, based on WEB/XML standards
Power Supply:	Removable battery pack 2200 mAh@3.7 V (nominal) with two rechargeable Li-polymer cells
Radio Communication:	IEEE 802.11b/g WiFi Security standards; WEP, WPA, TKIP, WPA2; Internal antenna
Bluetooth:	Bluetooth® IEEE 802.15, Class 2, Version 1.2
USB:	USB 1.1 client (with standard micro USB connector)
USB Cable required:	Standard USB cable USB A – micro USB B

LASER READER FEATURES

Light Source:	Visible Laser Diode - Class 2 Laser
Scan Rate:	100 scans/sec
Minimum Resolution:	0.13 mm
Green Spot:	“On Code” good reading feedback (Datalogic patented feature)
Databar support:	GS1 Databar, UPC-EAN, Code 39, Two-of-five, Plessey, Codabar, Code 128, Code 11, Code 93, MSI

MECHANICAL FEATURES

Display:	2.8 inches high-contrast colour graphic TFT LCD, 65k colours, resolution 320x240 pixels QVGA
Touch Screen:	4-wire resistive touch panel
Keyboard:	6 (six) fully programmable keys with backlight feature
Audio:	Polyphonic audio codec, integrated microphone
Bumpers:	Top & bottom rubber bumpers (lighting on both bumpers)
Upper Cover:	In Mould Decorated Plastic Cover
Dimensions:	149 x 73 x 44 mm
Weight:	255 g (with batteries)

COMPLIANCE

Electrical Safety:	EN 60950 (IEC 950)
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Laser Safety:	Europe: EN 60825-1 (IEC 825-1) USA: CDRH 21CFR 1040 Class II
Radio Frequency:	Europe: ETSI EN 300 328
EMC:	Europe: ETSI EN 301-489-17

ENVIRONMENTAL FEATURES

Operating temperature:	0 to 50 °C
Drop resistance:	from 1.2 meters onto concrete