

iDL JUNIOR

Industrial Grade PDA with Enterprise Look

Looks can be deceiving. The iDL Junior has been ergonomically designed for use in any harsh environments. It is sealed to IP64 standards for protection against rain and dust, and rugged enough to withstand 1.2m drops to concrete – across the entire operating temperature range.

Superior Features for Maximum Performance

The iDL Junior is a rugged handheld device that incorporates EPC Global Generation 2 approved UHF RFID, high performance barcode reader, comprehensive communications featured and other peripherals designed for the rigors of all-day, everyday usage.

The iDL Junior come with a generous 64MB RAM, 128MB ROM, and SD Card memory expansion for application or data storage needs, and its Intel PXA 270 processor allows application to run at optimal speeds, keeping pace with industrial demands. A 2400 mAh rechargeable Li-Polymer battery delivers at least 8 hours* of operations, enough for a full shift working environment. With integrated WLAN communication, it extends the reach of IT resources, enabling real-time information flow anywhere, anytime.

*under internal specified test conditions

Reduce the Cost and Complexity of Mobility

The iDL Junior is designed with our customers in mind. Customers have the flexibility to select GSM / GPRS, WLAN, GPS or other options to be integrated into a single unit. What's more, based on Microsoft CE 5.0 platform and utilizing the .NET Compact Framework 2.0, the iDL Junior offers an open, flexible platform for faster and easier application development and porting.

EPC Global Generation 2 Approved RFID

The iDL Junior uses a high performance, EPC Global Generation 2 Approved UHF RFID reader. The reader is a multi-protocol design able to read and write to EPC compliant UHF RFID tags at maximum range. The iDL Junior leverages advanced digital filter technology to deliver superior interference management and is optimised to read tags in both clean and noisy radio environments.

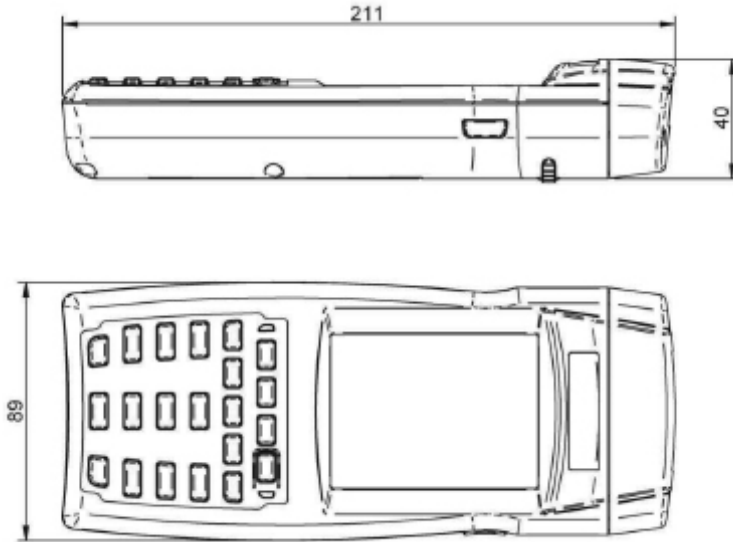


EPCglobal UHF general 2
Certified Hardware



9501101260000000162
MaxID Rm100 RFID Reader

FEATURES	BENEFITS
Rugged construction – sealed to IP64 standards with 1.2m drop to concrete	Ensures reliable performance in harsh environments
Microsoft Windows CE 5.0, Compact Framework 2.0	Offers an open, flexible platform for faster and easier application development and porting
Intel PXA 270 @ 520MHz	Desktop-like performance with lower power requirements
64MB RAM, 128MB ROM, SD Card Expansion	Ample storage capacity for data and application
3.5" TFT Colour Screen	Easy to view in any lighting
SD Card Memory Expansion	Provides additional memory and expandable functionality
2400 mAh Li-Polymer battery	Long battery life for full-shift capabilities
WLAN connectivity	Provides real-time data exchange for maximum productivity
EPC Global Approved RFID Reader	Guaranteed, risk-free UHF RFID performance



IDL JUNIOR SPECIFICATION HIGHLIGHTS

PHYSICAL CHARACTERISTICS	
Dimensions	211 x 89 x 40mm (L x W x H) without pistol grip.
Weight	840gm.
Display	3.5 inch, 320 x 240, 64K colour, backlit, ¼ VGA TFT, touch screen.
Battery	2400 mAh Li-Polymer.
Backup Battery	Ni-MH battery 15mAh, 3.6V.
Expansion Slot	Internal SD Card with 512MB standard and up to 2GB optionally.
Keypad Options	21 key + 2 scan buttons standard. Optional QWERTY or ABCD layouts.
PERFORMANCE CHARACTERISTICS	
CPU	Intel PXA 270 @ 520MHz processor.
Operating System	Microsoft Windows CE 5.0 & .NET Compact Framework V2.0. Firmware upgradeable through download.
Memory	64MB RAM / 128MB ROM.
Interface / Communications	USB 1.1 / RS-232
WIRELESS COMMUNICATIONS	
WLAN	IEEE 802.11b/g.
WPAN	Bluetooth v1.2.
WWAN	GSM/GPRS (optional).

ENVIRONMENTAL	
Operating Temperature	-10 to 50 deg C, 5% - 95% relative humidity.
Storing temperature	-25 to 70 deg C, up to 95% relative humidity.
Water Seal & Dust Immunity	IP 64.
Drop Specification	1.2m, 3 temperatures (-10deg C, Room Temp, +50 deg C), 6 sides to concrete surface, 18 drops total.
Electrostatic Discharge	+/- 8kV DC (contact discharge, direct / indirect), +/-15kV DC (air discharge).
INTEGRATED OPTIONS	
WWAN	GSM / GPRS.
RFID READER CHARACTERISTICS	
Standards Supported	ETSI EN 302-208, ETSI EN 300-220.
Tags Supported	EPC C1G1 & C1G2, IPX, ISO B. Read & Write capability (no Write with IPX)
Read Range	In excess of 3m with standard passive tags. Up to 8m with battery assist passive tags.
BARCODE READER	
Barcode Reader	Integrated 1D laser barcode scanner, all common symbologies. 200 scans/sec, visual & tone indication of successful barcode read.
ACCESSORIES	
Standard Accessories	USB Cable Sync. Stylus.

Specifications are subject to change without notice. All product and company names are trademarks, service marks or registered trademarks of their respective owners.

MAX ID LTD

3000 Hillswood Business Park, Hillswood Drive, Chertsey, Surrey, KT16 ORS, UK

Tel: +44 1932 895 396 Fax: +44 1932 895 397 Email: sales@maxidgroup.com

Website: www.maxidgroup.com