

NORDIC ID PL3000

UHF RFID

Nordic ID PL3000 with UHF RFID reader has reached the next level of better performance. The device now has a new generation RFID reader and integrated GPRS which will greatly improve performance and flexibility in operations.



Reading from far and fast

The PL3000 provides outstanding performance in auto-id. Along with the state-of-the-art barcode scanner, the device's high performance RFID reader can read tags from a distance of up to 1,6 metres. The reading distance, in addition to improvements in reliability, allow the use of the PL3000 in widely different applications.

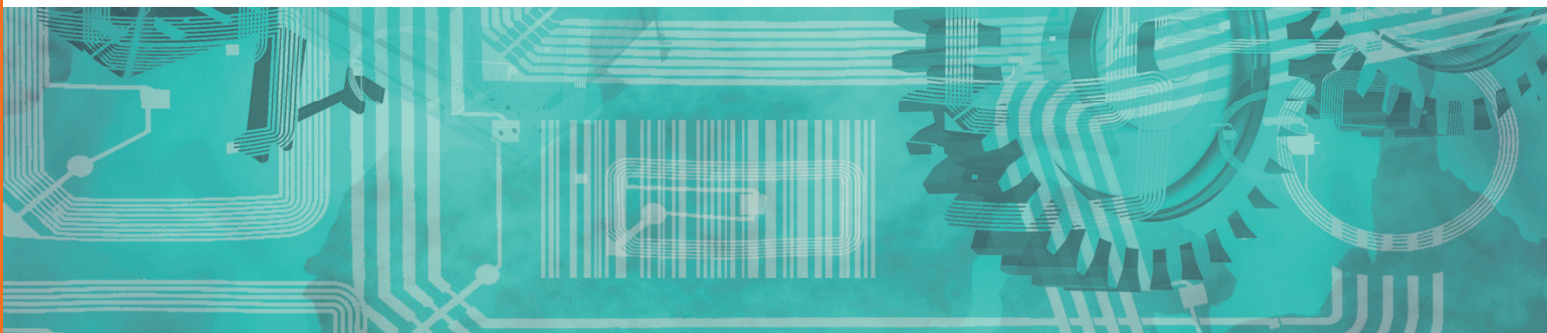
Fast connectivity and free-of-charge to deploy

Nordic ID PL3000 allows you to connect seamlessly to the GSM network and enjoy the related benefits. The PL3000 is ready to connect to your backend system wherever you can use your mobile phone. You do not have to establish networks as you can use the one that is already there.

Carefree and secure

As you are using the GSM network for your communication, you do not have to worry about maintenance or the capacity of the network. Your mobile network operator takes care of these by default. Any GSM network has a standard inbuilt data security system which ensures the traffic in the network is secured and protected.

If needed, the device can also be equipped with WLAN together with GPRS, which enables you to benefit from the low operating cost of WLAN and the freedom of GSM as the PL3000 UHF provides both.



Nordic ID PL3000 UHF RFID Technical specifications

		Product Highlights
Processor	ARM 9	<ul style="list-style-type: none"> • Reading distance up to 1,6 meter • Low power consumption in RFID usage • Fast reading of multiple tags • 2 year warranty • Standard Windows CE operating system and browser • Several communication alternatives • One hand operation • Ergonomic design, compact size • Durability, built for heavy use • Large color display • Automatic wake up detector / tilt switch • Individual key light activation
Operating platform	Windows Embedded CE 6.0	
Memory	128 MB SDRAM / 32 MB Flash, SD/MMC (support up to 2 GB)	
Display	3,5", 320 x 240 pixels (QVGA) Touch screen, adjustable backlight, power save functionality	
Keyboard	Alphanumeric with 29 keys altogether, 10 function keys All keys programmable (excl. power key), individual key backlight	
Battery	Li-Ion 2200 mAh @ 7,2V Up to 14 hours with standard battery Up to 28 hours with pistol grip battery	
Dimensions	250 x 40 x 90 mm	
Weight	550 g (incl. battery)	
Casing	IP54	
Drop resistance	1,5 on to concrete	
RFID	Output power 200 mW Operation frequency 869,525 MHz	
Supported standard(s)	ISO 18000-6B, Philips UCODE EPC 1.19 and EPC Class1 Gen2	
Reading distance	up to 160 cm	
Reading speed	up to 30 tags per second	
Writing distance	80 cm	
Scanner	1D laser scanner 104 scans/second ± 12 scans/second (bi-directional)	
Communications	WLAN 802.11 b/g* *available simultaneously GPRS* Bluetooth Class 2.0 +EDR* USB 1.1*	
Audio	Yes	
Environmental requirements	Operation temperature -10 °C - +55 °C Storage temperature -20 °C - +60 °C Charging temperature 0 °C - +45 °C	
Charger	Desktop charger with USB client / car kit charger 5 h from 0% to 100% charged 2,5 h from 0% to 90% charged	
Development tools	Nordic ID PL3000 Software Development Kit (SDK) Visual Studio 2005 .NET Compact Framework 2.0	
Warranty	2 years	
		Accessories
		<ul style="list-style-type: none"> • Desk top/Car kit charger • Pistol Grip with additional battery • Standard color granite, customer specific colors are possible • Option for VoIP • Customizer - a replication software for applications and settings • Remote Management • Terminal emulation • Filesystem and registry back up • Holster
		Application Development
		<ul style="list-style-type: none"> • Software Development Kit • Rapid and easy application development with Nordic ID Multiple Hardware Layer tools • Supports all common programming languages
<p><i>All information is subject to change without notice</i></p>		

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