

skeye.integral UHF

skeye.

Retail and Logistics by Höft & Wessel

The Mobile High-Performance UHF Reader

Using its outstanding UHF reader performance the skeye.integral UHF supports applications in retail, logistics, and industrie. The integrated long range UHF reader, barcode scanner, WLAN, Bluetooth, and GPRS components ensure the unit will handle new emerging auto-ID tasks meeting the EPCglobal standard.





SPECIFICATIONS

skeye.integral UHF

Hardware	Marvell PXA 270 624 MHz 128 MB RAM/256 MB Flash 3,5" QVGA colour-TFT with touchscreen Integrated laser scanner USB port RS232 port Rugged case to IP54 standard Pistol grip with trigger Ergonomic keypad Ergonomically balanced
Options	Long range scanner Embedded WLAN module 802.11b/g Bluetooth (BT 1.2, Class 2) GPRS (Triband, Class 10) Keypad variants
Software	Windows CE 5.0 Scanner API and ‚BarcodeConfig‘: configures and controls barcode-scanner UHF reader API: configures and controls UHF reader Various system configuration interfaces (such as keypad configuration) SysBackup backup tool: Cold start recovery for customer specific configurations Extensive Demo Program to test a wide range of UHF-reader features SDK
Accessories	Docking station: USB/RS232 Optional: with integrated modem, ISDN TA, Ethernet Batteries 3400 mAh Li Ion

UHF Reader

Reader Modules	High performance reader module Read range up to 5 m (depends on tag quality and ambient conditions) Circular polarisation
Implemented transponder protocols	EPC Class 1 Gen2, Atmel Tagidu Transponder types can be selected in the configuration Additional transponder protocols on request by firmware update
Reader firmware	Update capability in the mobile unit
Anti-collision	Fast detection of many transponders in the designated area Anti-collision mode configurable e. g.: Anti-collision on/off, Read Cycles, Tag Timeouts, Inventory Flags 50–53
UHF performance features	Max. 500 mW ERP 865–870 MHz (902–928 MHz optional) Approvals: ETSI EN 302 208 ETSI EN 300 220 Channel steps 200 kHz Output power adjustable by software (for modifying the reading distance)

Skeye (Headquarters)
 Rotenburger Str. 20
 30659 Hannover
 +49 511 6102-0
 +49 511 6102-411 Fax
 info@skeye.com
 www.skeye.com

Skeye Italy
 Via Cavriana, 3
 20134 Milan
 +39 02 7391-218
 +39 02 7391-256 Fax
 info@skeye.com
 www.skeye.com

Skeye UK
 Westmead Industrial Estate
 Westlea, Swindon, SN5 7AD
 +44 1793 647-942
 +44 1793 647-822 Fax
 info@skeye.com
 www.skeye.com

Skeye USA
 12905 S.W. 129th Avenue
 Miami, FL 33186
 +1 305 909-0173
 +1 305 596-7222 Fax
 info@skeye-usa.com
 www.skeye-usa.com