

skeye.integral 2 UHF

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The Mobile Business brand of Höft & Wessel

The Mobile UHF Reader

skeye.integral 2 UHF supports multi-functional applications in retail and logistics. The integrated long-range UHF reader, barcode scanner and WLAN components ensure the unit will handle new logistics tasks emerging following the EPCglobal standard.





SPECIFICATIONS

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Hardware	Intel PXA 270 624 MHz 128 MB RAM/128 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 Various keyboards
Options	2D imager Embedded WLAN module 802.11b/g Bluetooth (BT 1.2, Class 2) GPRS (Triband, Class 10)
Software	Windows CE 5.0 Scanner API and ‚BarcodeConfig‘: configures and controls scanner UHF reader API: configures and controls UHF reader Various system configuration interfaces (such as keypad configuration) SysBackup backup tool: backs up data, settings and databases SDK for C++ developed under EVC 4
Accessories	Docking station: USB/RS232 <i>Optional:</i> with integrated modem, ISDN TA, Ethernet Batteries 3400 mAh

UHF Reader

Reader Modules	High performance reader module Read range up to 3 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	Detection of several transponders in the designated area Configurable: Anti-collision on/off, Read Cycles, Tag Timeouts, Inventory Flags S0-S3
UHF performance features	Max. 500 mW ERP 865-870 MHz (902-928 MHz optional) Approvals: ETSI EN 302 208 (Listen before talk) ETSI EN 300 220 (Duty cycle) Channel steps 200 kHz Output power adjustable by software (for modifying the reading distance)

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