

Product-type designation	STG U mobile hand-held terminal
	MOBY U HANDHELD TERMINAL STG U COMPLETE, PSION WORKABOUT MX BASIC UNIT, ANTENNA STG U, RECHARGEABLE BATTERY, EEPROM CARD WITH MOBY SOFTWARE, OPERATING INSTR., W/O CHARGER STG U
Suitability for installation	MOBY U data memory
Wireless frequencies	
Operating frequency	
• initial value	2400 MHz
• final value	2483.5 MHz
Equivalent isotropic radiated power / in accordance with FCC	
Electrical data	
Range / maximum	3000 m
Protocol / for radio transmission	ISO 18000-4
Transfer rate / with radio transmission / maximum	384 kbit/s
Product property / multitag-capable	Yes
Polarization	Circular
Supply voltage, current consumption, power loss	
Type of current supply	Battery operation
Type of battery	Handheld terminal: NiCd battery pack with 2 type AA cells (0.85 Ah), fast-charging, antenna: lithium-ion battery pack 2SIP CGR 18650 HG (1.8 Ah)
Type of battery / as back-up battery / integrated	CR1620
Battery capacity	1.8 A·h
Operating period / with standard battery / typical	20 h

Permitted ambient conditions	
Ambient temperature	
• during operating	-20 ... +60 °C
• during storage	-25 ... +70 °C
Protection class IP	IP54
Height of fall / maximum	0.5 m
Design, dimensions and weight	
Width	235 mm
Height	282 mm
Depth	93 mm
Net weight	1.95 kg
Product properties, functions, components / general	
Design of the display	Graphic LCD screen with 240x100 pixels, gray scale, selectable backlighting
Design of the control elements	Alphanumeric with 57 keys
Design of acoustic signaling element	Piezo signal transmitter
Design of the interface	LIF interface (low insertion force) for battery charging and communication with PC and printer, RS 232 interface for connection of a MOBY U antenna
Memory capacity	
• of the RAM work memory	2 Mibyte
• of data and program memory	2 Mibyte
• of the data memory / can be used/available	2 Mibyte
Product functions / management, configuration	
Operating system / pre-installed	EPOC 16 multitasking
Product function / of the software	MOBY service and test program
Standards, specifications, approvals	
Verification of suitability	RF: EN 300440-2, SAR: EN 50371, safety: EN 60950-1, EMC: EN 301489-01, EN 301489-03, ENV 50204, FCC ID: NXWMOBYU-STGU, UL/CSA, safe for heart pacemakers
Accessories	STG U power supply unit, replacement battery
letzte Änderung:	Jul 3, 2014