

Basic RFID-UHF short range terminal for mobile data collection in Windows CE 6.0 with illuminated silicone keypad with alphanumerical function and colour touch screen.



## Key Application

- Industrial
- Logistics
- Retail



## General specifications

Order No.		52010383	52010384
Type		RUH-ACD-M160-2D-WLAN-ETSI	RUH-ACD-M160-2D-WLAN-FCC
Scanner		Mobile Terminal Barcode laser scanner (short range)	Mobile Terminal Imager (2D barcode scanner)
Operating system		Windows® CE 6.0	
Memory		512 MB Flash / 256 MB SDRAM expandable with µSD card	
Display		Colour touch display 3.5" with LED backlight, Resolution 240 x 320 pixel	
Power supply		Quick-change battery 7.2V/220mAh, Li-Ion	
Operating temperature range	[°C]	-20 to +45	
Degree of protection		IP54	
Communication interfaces			
	WLAN	IEEE® 802.11b/g	
UHF RFID properties			
	Frequency range	[MHz]	865-868
	Antenna		Kathrein dipole
	Read range*	[m]	2
	Output power reader module	[W]	0.2

\* depending on transponder type and environment

## Accessories optional

Order No.	Type	Description
52010379	DS-RUH-ACD-160	- Housing with LED-display for transmitting the acquired data and to load the M160 - with USB interface and ethernet interface - delivery complete incl. power supply and power cord
52010380	AKKU-RUH-ACD-160	- replacement battery 7.4 V/2200mAh Lithium-Ion Quickchange battery



52010379 | DS-RUH-ACD-160



52010380 | AKKU-RUH-ACD-160

## ➤ Commissioning the DS160



Put up the DS160 docking station in an even, stable and clean place away from the sunlight. Insert the power cable into the external power supply unit. Plug the DC plug of the power supply unit into the DC socket on the back of the DS160 on the left-hand side (marked with the DC symbol).

### Status LED of the DS160 docking station

A status LED indicating the operating state is attached to the top.

If the docking station is connected to the mains using the provided power supply unit, the LED lights up orange if there is no M160 inserted. The LED lights up orange, green or red if an M160 is inserted into the DS160, depending on the operating state of the device or the battery's level of charge.

<b>Operating state:</b>	<b>M160 is switched on</b>
LED lights up red:	Device battery is charging
LED lights up green:	Device battery is (almost) fully charged

<b>Operating state:</b>	<b>M160 is switched off</b>
LED lights up red:	Device battery is charging
LED lights up green:	Device battery is almost fully charged
LED lights up orange:	Device battery is fully charged

### USB port on the DS160

The DS160 has a USB 2.0 port on the back.  
The M160 can be accessed via ActiveSync using this connection.

## ➤ Inserting the battery into the M160 handheld terminal

The battery compartment is located on the rear of the device. In order to remove the battery, first remove the hand strap by simply unhooking it. Now press the lock in the direction of the strap fastening in order to open the battery cover. The cover can be opened and the battery removed.

The battery can be easily inserted. In doing so, please ensure that you insert the battery in the direction of the contacts at a slight angle. You can now put the cover back into place and engage the lock by lightly pressing on the back part of the battery cover.