iDTRONIC

PROFESSIONAL RFID

Handheld Computer

M3 Orange Plus

Applications

- · Ticketing
- · Logistics
- · Public transport
- · Asset management

Features

- · 1D Barcode Scanner
- · 2D Imager
- · GPS SIRF III / HSPA+
- · QWERTY Keypad

RFID Options

- · UHF (860-960 MHz)
- · UHF SR (868 MHz)
- · HF (13,56 MHz)
- · LEGIC (13,56 MHz)
- · LF (125 kHz)

Accessories

- · Spare Battery (3300mA)
- · 4 Slot Cradle
- · Vehicle Cradle 12V
- · Snap On
- · Leather Case
- · and more

Description

The M3 Orange+ is a mobile multi-functional industrial PDA, available with 5 different powerful RFID units. With its rugged yet lightweight design, the Orange+ is the perfect fit even for the toughest working environments.

A powerful Cortex-A8 833MHz processor guarantees faster graphic processing together with memory access and allows for running many different applications. The M3 Orange+ offers Multi OS Support. You may choose between Windows Mobile 6.5 and CE 6.0.

iDTRONIC's M3 Orange+ is rated IP65 and has been designed to fit a variety of applications. A Micro SD slot is integrated. Therefore it becomes an even more versatile device, which can also be used in Public Transport as well as in Mobile Payment applications.

The M3 Orange+ standard configuration includes Wi-Fi, Bluetooth, a 3.2MP Camera and USB interface.

Technical Data

Electrical Specifications	
Power Supply	100 to 240 V AC
LC Display	3.5" VGA TFT LCD 480 x 640 pixel
Keyboard	31 alphanumeric key, backlight, incl. 3x4 numeric keypad, On/Off button, Camera button, Scanner button
Interfaces (Standard)	USB Host 1.1 / Client 2.0, Bluetooth Class II, v2.0 with EDR, Wi-Fi
CPU	833 MHz
RAM / ROM memory	256 MB / 1 GB
Operating system	MS Windows Mobile 6.5 / CE 6.0 (non-exchangeable)
Rechargable battery	Li-Ion 3,7 V / 3300 mA
Further interfaces	Micro SD, up to 32 GB

Physical / Environmental Conditions	
Housing-Material	ABS
Dimensions	166mm x 79mm x 25mm (without antenna)
Weight	ca. 332g (depending on configuration)
Protection Class	IP65
Drop Test	1.8m / 6 ft,
Operating Temperature	-20° to +50°C
Storage Temperature	-30° to +70°C
Humidity	93% non-condensing

RFID Options

UHF Short-Range/Long-Range RFID Extension 865.6 – 867.6 | 902 – 928 MHz	
Supported Tags	ISO 18000-6C incl EPC. Class 1 Gen 2 TEGO High-Memory
Operating Distance	Up to 1m* (LR Version)

HF RFID Extension (13.56 MHz)	
Supported Tags	ISO 14443 A/B, ISO 15693, MIFARE® DESFire®
Operating Distance	Up to 50 mm*

LEGIC RFID Extension (13.56 MHz)	
Supported Tags	LEGIC Prime, LEGIC Advant, ISO 14443 A/B, ISO 15693, MIFARE® DESFire®
Operating Distance	Up to 50 mm*

LEGIC RFID Extension (125 kHz)	
Supported Tags	EM 4200, EM 4550, NXP Hitag (1, 2, S)
Operating Distance	Up to 50 mm*

*depending on tag/card

Order Codes

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Please refer to our latest price list

For further information & prices, please contact info@idtronic-rfid.com