

M3 Orange+

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.

The handheld computer M3 Orange+ is available with these RFID units:

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

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.

Options

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

Accessories

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

Applications

- Ticketing
- Logistics
- Public transport
- Asset management



Technical Data

Mechanical Specifications

Housing-Material:	ABS
Dimensions:	166 × 79 × 25 mm (without antenna)
Weight:	ca. 332 g (depending on configuration)
Protection Class:	IP65
Drop Test:	1.8 m / 6 ft.

Electrical Specifications

Power Supply:	100 to 240 V AC
LC Display:	3.5" VGA TFT LCD 480 x 640 pixels
Keyboard:	31 alphanumeric keys, 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
Options:	1D Scanner, 2D Imager, GPS, QWERY Keypad

Further Specified Data

CPU:	833MHz
RAM / ROM memory	256 MB / 1 GB
Operating system:	MS Windows Mobile 6.5 / CE 6.0 (non-exchangeable)
Rechargeable battery:	Li-Ion 3,7 V/3300mA
Further interfaces:	Micro SD, up to 32 GB
RFID options:	LF, HF, LEGIC, UHF (SR/LR)

Interfaces (option): GSM/GPRS/EDGE/HSPA+

Environmental Conditions

Operating Temperature:	-20 °C to +50 °C
Storage Temperature:	-30 °C to +70 °C
Humidity:	93% non-condensing

Scope of Delivery

Standard Package:	1 PDA, 1 Battery, 1 Desktop Cradle USB, 1 stylus pen, 1 String, quick manual
Optional Accessories:	Spare Battery, 4 Slot Cradle, Vehicle Cradle 12V, Snap On, Leather Case Strap - Beltclip, Fabric Case, USB Cable, Screen Protector



RFID Options

UHF Short-Range/Long-Range RFID Extension (860 – 960 MHz)

Supported Tags:	ISO 18000-6C incl <i>EPC. Class 1 Gen 2</i> 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*

LF 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

Please refer to our latest price list