PARTNER

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OT-RF

Order taking at its best

Low Carbon Footprint
RF-THE GREEN SOLUTION

The OT-RF is a revolutionary wireless touchscreen order terminal designed for the hospitality market. Orders are safely transmitted directly from the OT-RF to the bar or kitchen via radio frequency.

Using radio frequency as the wireless communication standard, it provides seamless mobile connectivity over durations up to 70 m and guarantees safe transmissions of data as it is not affected by WiFi traffic or room congestion.

The OT-RF comes with Waiter PAD CE (optional) which inspires by simple to use icons, added gestures to speed up order taking and userdefinable menu.

The functional stylish ergonomic design of the OT-RF is particularly designed for moving constantly throughout noisy indoor and outdoor environments. Not only at restaurants, but also at sport or music events, corporate hospitality, leisure clubs, VIP lounges, stock taking and many more, mobile order taking can be applied now at its best.

Special Features:

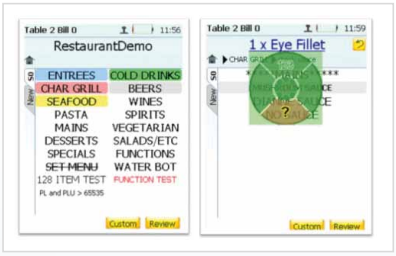
Windows CE
4.3" Widescreen Touch LCD
Wireless communicationstandard: Radio Frequency
Radius distance: upto 70 m
Vibration alert
4-way direction sensor
IP54 Protection Class

Optional:

WaiterPAD CE
WLAN/Bluetooth
Overlayprotection
Leather carry case
Extra battery pack

OT-RF
Order taking at its best...

OT-RF with 4-way direction sensor and IP54 rated service. The sunlight readable 4.3" widescreen touch LCD invites you to work outside in sunny places. It is possible to have over 20 units working side by side as there is no RF congestion between multiple devices. The multifunctional RF captures the best of all area's RF (Operation), WiFi (Updating) and Bluetooth (Belt printer etc.).



The WaiterPad solution is an advanced restaurant POS system that has been successfully deployed worldwide. The system uses both software and radio frequency (RF) technology to enable staff to wirelessly take and send orders, access menu information such as tasting notes and ingredients and update back office inventory in real time. This saves time, both for the venue and for the customer, which in turn increases efficiency and enhances profitability.

High powered microwaves, stainless steel areas, mobile phones and wireless laptops are all a part of a typical hospitality environment. Partner Tech has found that these factors may interfere with handheld ordering systems that use standard wireless technology. With this in mind, Partner Tech has developed proprietary technology that enables WaiterPad to use radio frequency. This ensures no dropouts from interference with other wireless devices, longer battery life and therefore greater reliability. It also allows WaiterPad handhelds to cover greater distances and transmit through solid objects.

WaiterPAD CE has full screen accessibility and radial fast entry pop-up (click and hold) for help, quantities and user programmable commands.

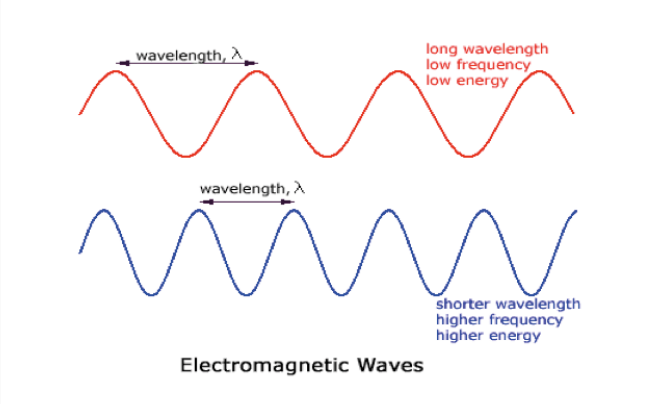
Additional table status view for servers (color coded for stage of order sent and bill received) and support for real time alerts with background transmissions and paging (longer-term).

The RF Aerial incorporating the lastest RF Chipset which gives superb reliable and smooth communications, supports orders over distances up to 70 m without being affected by WiFi traffic or room congestion. A typical large order of over 100 items can be transmitted tot he POS in less than a second!

… for perfect guest satisfaction

RF (433-916MHz) vs. WLAN (2.4GHz)

The comparison of the RF standard with the current generic WLAN shows what makes the OT-RF such a revolutionary mobile device. The RF standard (433-916 MHz) provides >5x lower frequency than WLAN (2.4 GHz) whereby it guarantees the perfect balance of speed and range for small bursts of data like an order item or printing of bill.
The main advantages are the extraordinary low power requirement (it requires only 1/10th the power of 2.4 GHz) and the inherently enhanced security: WLAN attracts threats requiring ongoing anti-virus, firewall and intrusion investment, where the RF network is purpose built, requires no ongoing security maintenance and is limited to simple POS commands.



Radio waves physics: Lower frequency = better range

RF is >5x lower frequency than WLAN:
- Lower power, only 1/10th the power of 2.4GHz
- Better range/coverage (1 RF aerial covers most sites)
- Inherently more secure:
  WLAN attracts threats requiring ongoing anti-virus, firewall, intrusion detection investment

OT-RF Mobility System:
- Designed for devices constantly moving throughout noisy/ enclosed indoor/outdoor environments
- Designed to provide scalable, seamless and reliable mobile connectivity over extended durations
- Ideally suited for small bursts of data (more like SMS)
- Delivers a balance of speed and range
- A purpose-built mobility solution matched to industry requirements
- Totally secure encapsulated transmission

RF network is
- purpose built
- requires no ongoing security maintenance
- limits exposure to simple POS commands (e.g. order item, print bill)

Generic WLAN:
- Designed to replace wired Ethernet connections
- Best for point-to-point applications (i.e. laptop in an airport lounge)
- Higher bandwidth/performance (ideal for downloading files/music)



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Technical data

Item	OT-RF		
CPU	Freescale i.MX31L CPU 532MHz with system bus at 133MHz		
Memory	Mobile DDR 128MB, NAND flash 128MB		
LCD	4.3" TFT LCD with Touchscreen, sunlight readable widescreen 272 x 480		
Roaming	Available		
Connection Interface	RF module, Mini USB 2.0		
Audio	Line out, speaker, microphone jack		
Extension Slot & Storage	SD card (supports SDH / up to 16G)		
Battery	Rechargeable Li-ion 2200 mAh (removeable)		
Standby Time	65 hours		
Special features	Alert via vibration, 4-way direction sensor, SSID Lock, battery cover safety protection,		
Ruggedness	IP54, 1 meter drop test		
Operating System	Windows CE 5.0 with WaiterPAD CE (optional), Windows CE 6.0 with WaiterPAD CE (optional)		
Dimensions	133 mm (H) x 82 mm (W) x 19 mm (D)		
Weight	Approx. 190 g (without battery), battery 50g		
Environment		Operating	Storage
	Temperature:	0 ~ 40° C	-20 ~ 60° C
	Humidity:	15% ~ 80%	15% ~ 80%
Certifications	EMI & Safety: CE, FCC, CB, BSMI, CCC RM: SRRC, FCC ID, R&TTE, NCC		
Accessoires	Cradle, Hand strap, Leather pouch Shoulder strap, Stylus cord, High quality stylus, AC adaptor, Battery		
Optional	WaiterPad CE, WLAN / Bluetooth		

The sunlight readable 4.3" widescreen touch LCD invites you to work outside in sunny places

OT-RF with RF module which allows a radius distance up to 70 m

Use multiple aerials to strenghten the signal even more

SDK available for 3rd party integration, RF Comms Library SDK also available

Carry bag with flipping cover and shoulder strap

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Partner Tech Europe GmbH, Fasanenweg 25, 22145 Hamburg, Germany
Tel: +49 (0)40 450 635-0, Fax: +49 (0)40 450 635-200
www.partner-tech.eu, E-Mail: info@partner-tech.eu