



**PAYA**  
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**ingenico**  
aWorldlinebrand

# iWL SERIES

Data Sheet & Tech Spec

## Bring real mobility to payments



security



smartcard



magstripe



contactless



color display



connectivity



GPS

- Optimize revenue opportunities with 24/7 connectivity.
- Reinvent mobile payment user experience with a pocket-sized device, long battery life and fast printer.
- Bring mobility payment to your point of sale.
- Open-up a wide range of solutions for various environments (small merchants, hospitality and mobile businesses).

The iWL series is designed to bring an innovative payment solution, remaining connected even in the most demanding environments.

## HIGHEST SECURITY

The iWL series meets the highest security requirements and is PCI-PTS x and 3.x certified with SRED & open protocol modules.

## ALL PAYMENT OPTIONS

Offering EMV Chip & PIN, MagStripe and Contactless, the iWL series also enables new NFC couponing and wallet use cases.

## POCKET SIZED

Designed for mobility use cases, the iWL series is a pocket-sized device. It's the world's smallest and lightest terminal.

## DESIGNED FOR MOBILITY

Extended battery life, pocket-size form factor, light weight design, perfect display readability, wide backlit keypad and robust casing make the iWL series ideal for all mobility uses cases.

## LONG BATTERY LIFE

Natively designed for mobility, Ingenico has paid specific attention to delivering an outstanding battery life. Depending on the use cases, the iWL series can deliver up to several days of use.

## ALL WIRELESS CONNECTIVITY

Featuring a unique portfolio of simple and multiple wireless connectivity options – GPRS, 3G, Bluetooth Class 1 & WiFi – the iWL series enhanced network quality of service, eg 3G/GPRS used as a back-up of BT. Beyond, Multicom enables a smooth integration of the iWL series in multi-devices solutions, e.g being connected in BT to an ECR, taximeter or tablet while keeping its own connection to the banking host

## OUTSTANDING PRINTER

With its 30 lines per second, the iWL series printer is the fastest on the market. Reducing printing time improves on-the-spot efficiency

## TELUM 2 ADVANCED

Powered by Ingenico, Telium 2 technology is the result of 30 years' experience in the payment industry. Secure, highly integrated and fast, Telium 2 is the world best platform to provide payment services and a library of over 2000 applications. Telium 2 is a fully scalable, reliable operating system embedded into the 20 million terminals deployed worldwide.



## FEATURES

|                                   |  | iWL 220  | iWL 250  |
|-----------------------------------|--|--|--|
| Processor                         | ARM 9 & ARM 7                          | •  | •  |
| Memory                            | 16 RAM/16 Flash                        | •  | •  |
|                                   | 32 RAM/128 Flash                       | Option   | •  |
|                                   | Micro-SD reader                        | Option   | •  |
| SIM                               | Dual SIM                               | Option   | Option   |
| SAM                               |  | Up to 3  | Up to 3  |
| Card readers                      | Smart card                             | 1+2nd Option   | 1+2nd Option   |
|                                   | Magstripe                              | •  | •  |
|                                   | Contactless                            | Option   | Option   |
| Display                           |  | FSTN, Monochrome graphic, 128 x 64 pixels, White backlit 2,53" | Transmissive TFT-LCD Colour QVGA 320 x 240 pixels 4096 colours 2,81" |
| Keypad                            | Backlit operational keys               | 15   | 15   |
|                                   | Navigation keys                        | 7  | 7  |
| Thermal printer                   | Speed in lines/second                  | 30 l/s   | 30 l/s   |
| Terminal connectivity<br>Wireless | WAN                                    | GPRS or 3G/GPRS  | GPRS or 3G/GPRS  |
|                                   | LAN                                    | Bluetooth and/or WiFi  | Bluetooth and/or WiFi  |
|                                   | Multicom                               | WAN & LAN  | WAN & LAN  |
| Terminal connectivity<br>Wired    |  | Micro USB type A/B (host & slave)                              | Micro USB type A/B (host & slave)                                    |
| GPS Tracking                      |  | Option   | Option   |
| Audio                             | Buzzer                                 | •  | •  |
|                                   | Speaker                                | Option   | Option   |
| Power supply                      | Terminal/base                          | 5V 1A  | 5V 1A  |
|                                   | Terminal car charger                   | 5V 0,75A - option  | 5V 0,75A - option  |
| Batteries                         | Li-Ion                                 | Li-Ion 2200mAh   | Li-Ion mAh   |
| Terminal size                     | L x W x H<br>(paper roll cage Ø 25 mm) | 150mm x 78mm x 44mm  | 150mm x 78mm x 44mm  |
|                                   | (paper roll cage Ø 40 mm)              | 165mm x 78mm x 54mm  | 165mm x 78mm x 54mm  |
| Weight                            |  | 285g   | 285g   |
| Customisation                     | Lens marking                           | Option   | Option   |
|                                   | Printer cover flap                     | Option   | Option   |
|                                   | Top casing                             | Option   | Option   |
| Optional base                     | Charge                                 | •  | •  |
|                                   | RS232                                  | (2) Option   | (2) Option   |
|                                   | USB A                                  | Option   | Option   |
|                                   | USB B                                  | Option   | Option   |
|                                   | Modem                                  | Option   | Option   |
|                                   | Ethernet 10/100 Base T                 | Option   | Option   |
|                                   | Bluetooth                              | Option   | Option   |
| Enviroment                        | Operating temperature                  | -10°C to 45°C  | -10°C to 45°C  |
|                                   | Storage temperature                    | -20°C to 55°C  | -20°C to 55°C  |
|                                   | Relative humidity, non condensing      | 85% HR at +40°C  | 85% HR at +40°C  |
| Security                          | Online & offline                       | PCI PTS 2.x & 3.x  | PCI PTS 2.x & 3.x  |



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## CONTACT US FOR MORE INFORMATION

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