



**ePay** Merchant  
Services  
PAYMENTS MADE EASY

**Ingenico IWL258  
Device Support Sheet**

# iWL Series

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**Bring compact, reliable wireless mobility to the point of sale**

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- Optimize revenue opportunities with 24/7 wireless connectivity.
- Reinvent mobile payment using a compact-sized device with a long-life battery and fast printer.
- Bring wireless mobile payment to your point of sale (POS).
- Discover a wide range of POS solutions for small merchants, hospitality and mobile businesses.



security



smartcard



magstripe



contactless



color display



connectivity

The iWL Series is designed for reliable connectivity even in the most demanding environments.

**Highest Security**

The iWL Series meets the highest security requirements and is PCI PTS 2.x and 3.x certified with SRED & Open protocol modules.

**All Payment Options**

The iWL Series accepts EMV chip & PIN, magstripe and NFC/contactless, as well as enables new NFC couponing and e-wallets.

**Compact-Sized**

The compact iWL Series is a small and light electronic payment device.

**Designed for Mobility**

Designed specifically for mobility, the iWL Series provides extended battery life, in a lightweight, robust, compact-sized design and features a wide backlit keypad for outstanding display readability inside or outdoors.

**Long Battery Life**

Anticipating active use in remote environments, Ingenico Group focused on delivering outstanding battery life. In most cases, the iWL Series is designed to run all day in the most active retail environments.

**All Wireless Connectivity**

Featuring a complete portfolio with multiple wireless connectivity options - GPRS, 3G, Wi-Fi & Bluetooth Class 1- the iWL Series delivers enhanced network quality of service. Smooth integration of the iWL Series into multi-device solutions is ensured.

**Outstanding Printer**

The iWL Series 30-lines-per-second printer is one of the fastest on the market, for on-the-spot checkout efficiency.

**Telium 2 Advanced**

Powered by the Ingenico Group, Telium 2 technology is the result of 30 years' experience in the payment industry. Secure, highly integrated and fast, Telium 2 is the world's best platform to provide payment services with a library of over 2,000 applications. Telium 2 is a fully scalable, reliable operating system embedded into Ingenico Group's 27 million terminals deployed worldwide.



| iWL Series                   |  | iWL 220  | iWL 250   |
|------------------------------|--|--|---|
| <b>Processor</b>             | ARM 9 & ARM 7  | ●  | ●   |
| <b>Memory</b>                | 16 RAM/16 Flash<br>32 RAM/128 Flash<br>Micro-SD reader                               | ●<br>Option<br>●   | N/A<br>●<br>●   |
| <b>SAM</b>                   |  | 2  | 2   |
| <b>Card Readers</b>          | Smart card<br>Magstripe<br>Contactless   | 1<br>●<br>●  | 1<br>●<br>●   |
| <b>Display</b>               |  | FSTN<br>Monochrome graphic<br>128 x 64 pixels<br>White backlit 2.53" | Transmissive TFT-LCD<br>Color QVGA<br>320 x 240 pixels<br>4096 colors 2.81" |
| <b>Terminal connectivity</b> | Wireless WAN<br>LAN<br>Multicom  | ●<br>Bluetooth<br>Wi-Fi  | 3G/GPRS<br>Bluetooth<br>Wi-Fi   |
|                              | Wired  | Micro USB type A/B<br>(host & slave)                                 | Micro USB type A/B<br>(host & slave)  |
| <b>Keypad</b>                | Backlit operational keys<br>Navigation keys  | 15<br>7  | 15<br>7   |
| <b>Audio</b>                 | Buzzer<br>Speaker  | ●<br>Option  | ●<br>Option   |
| <b>Thermal printer</b>       | Speed in lines/second  | 30 l/s   | 30 l/s  |
| <b>Power supply</b>          | Terminal/base<br>Terminal car charger  | 5V 1A<br>5V 0.75A - option   | 5V 1A<br>5V 0.75A - option  |
| <b>Batteries</b>             | Li-Ion   | 2200 mAh   | 2200 mAh  |
| <b>Terminal size</b>         | LxWxH<br>(Paper roll cage 0.98")<br>(Paper roll cage 1.57")                          | 5.90" x 3.07" x 1.73"<br>6.49" x 3.07" x 2.12"                       | 5.90" x 3.07" x 1.73"<br>6.49" x 3.07" x 2.12"                              |
| <b>Weight</b>                |  | 10.05 oz   | 10.05 oz  |
| <b>Customization</b>         | Lens marking<br>Printer cover flap<br>Top casing                                     | Option<br>Option<br>Option   | Option<br>Option<br>Option  |
| <b>Optional base</b>         | Charger<br>RS232<br>USB A<br>USB B<br>Modem<br>Ethernet 10/100 Base T<br>Bluetooth   | ●<br>2 (option)<br>Option<br>Option<br>Option<br>Option<br>Option    | ●<br>2 (option)<br>Option<br>Option<br>Option<br>Option<br>Option           |
| <b>Environment</b>           | Operating temperature<br>Storage temperature<br>Relative humidity,<br>non condensing | 14°F to 113°F<br>-4°F to 131°F                                       | 14°F to 113°F<br>-4°F to 131°F  |
| <b>Security</b>              | Online & offline   | PCI PTS 2.x & 3.x certified  | PCI PTS 2.x & 3.x certified   |

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