

# 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 pocket-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 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, 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's 27 million terminals deployed worldwide.



iWL SERIES		iWL 220	iWL 250
Processor	ARM 9 & ARM 7	●	●
Memory	16 RAM / 16 Flash 32 RAM/128 Flash Micro-SD reader	● Option	N/A ● ●
SAM		2	2
Card readers	Smart card Magstripe Contactless	1 ● ●	1 ● ●
Display		FSTN Monochrome graphic 128 x 64 pixels White backlit 2.53"	Transmissive TFT-LCD Color QVGA 320 x 240 pixels 4096 colors 2.81"
Terminal Connectivity	Wireless	WAN LAN Multicom	3G/GPRS Bluetooth Wi-Fi
	Wired		Micro USB type A/B (host & slave)
Keypad	Backlit operational keys Navigation keys	15 7	15 7
Audio	Buzzer Speaker	● Option	● Option
Thermal Printer	Speed in lines/second	30 l/s	30 l/s
Power supply	Terminal/base	5V 1A	5V 1A
	Terminal car charger	5V 0.75A - option	5V 0.75A - option
Batteries	Li-ion	2200 mAh	2200 mAh
Terminal size	L x W x H (Paper roll cage 0.98") (Paper roll cage 1.57")	5.90" x 3.07" x 1.73" 6.49" x 3.07" x 2.12"	5.90" x 3.07" x 1.73" 6.49" x 3.07" x 2.12"
Weight		10.05 oz	10.05 oz
Customization	Lens marking Printer cover flap Top casing	Option Option Option	Option Option Option
Optional base	Charger RS232 USB A USB B Modem Ethernet 10/100 Base T Bluetooth	● 2 (option) Option Option Option Option Option	● 2 (option) Option Option Option Option Option
Environment	Operating temperature Storage temperature Relative humidity, non-condensing	41°F to 113°F -4°F to 131°F 85% HR at +104°F	41°F to 113°F -4°F to 131°F 85% HR at +104°F
Security	Online & offline	PCI PTS 2.x & 3.x certified	PCI PTS 2.x & 3.x certified



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