iWL Series

Bring compact, reliable wireless mobility to the point of sale

- 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.

- Discover a wide range of POS solutions for small merchants, hospitality and mobile businesses.

security

smartcard

magstripe

contactless

color display

connectivity

GPS

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.

Pocket-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, pocket-sized design and features a wide backlit keypad for outstanding display readability.

Long Battery Life
Anticipating active use in remote environments, Ingenico focused on delivering outstanding battery life. In most cases, the iWL Series can deliver up to several days of use.

All Wireless Connectivity
Featuring a unique portfolio of simple multiple wireless connectivity options – GPRS, 3G, & Bluetooth Class 1– the iWL Series delivers enhanced network quality of service. Multicom capabilities ensure smooth integration of the iWL Series into multi-device solutions; for example, connecting to an ECR, taxi meter or tablet while maintaining its own connection to the banking host.

Outstanding Printer
The iWL Series 30-lines-per-second printer is 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 and a library of over 2,000 applications. Telium 2 is a fully scalable, reliable operating system embedded into Ingenico Group's 20 million terminals deployed worldwide.

iWL Series			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 optional	1 + 2nd optional
		Magstripe	●	●
		Contactless	Option	Option
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	GPRS or 3G/GPRS Bluetooth WAN & LAN	GPRS or 3G/GPRS Bluetooth WAN & LAN
	Wired		Micro USB type A/B (host & slave)	Micro USB type A/B (host & slave)
Keypad		Backlit operational keys	15	15
		Navigation keys	7	7
GPS Tracking			Option	Option
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	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
Environment		Operating temperature Storage temperature Relative humidity, non condensing	14°F to 113°F -4°F to 131°F 85% HR at 104°F	14°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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Smart terminals