

# iWL series

## Bring real mobility to payment

- 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).



security



smartcard



magstripe



contactless



color display



connectivity



GPS

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.

#### Telium 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.



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 and/or WiFi WAN & LAN
	Wired		Micro USB type A/B (host & slave)
Keyboard		Backlit operational keys	15
		Navigation keys	7
GPS Tracking		Option	Option
Audio		Buzzer	●
		Speaker	Option
Thermal printer		Speed in lines/second	30 l/s
Power supply		Terminal/base	5V 1A
		Terminal car charger	5V 0,75A - option
Batteries		Li-Ion	Li-Ion 2200 mAh
Terminal size		L x W x H (paper roll cage Ø 25 mm)	150 mm x 78 mm x 44 mm
		(paper roll cage Ø 40 mm)	165 mm x 78 mm x 54 mm
Weight		285g	285g
Customization		Lens marking	Option
		Printer cover flap	Option
		Top casing	Option
Optional base		Charger	●
		RS232	2 (option)
		USB A	Option
		USB B	Option
		Modem	Option
		Ethernet 10/100 Base T	Option
		Bluetooth	Option
Environment		Operating temperature	-10°C to +45°C
		Storage temperature	-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

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Smart  
terminals