



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

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.



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 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 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 (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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