

Satellite Terminals

Telium[®] Pass+



Providing a fast track to offering contactless payment and accelerated transaction times, the Telium[®]Pass+ series from Ingenico is an advanced range of contactless readers certified for payment. The ideal device to upgrade any terminal with a certified solution for EMV contactless acceptance, it offers fast, convenient and secure contactless technology to reduce transaction times at Point-of-Sale. Boasting optimum interoperability, it is compliant with Visa[®] and MasterCard[®], supporting contactless payment applications including MasterCard[®]PayPass and Visa[®]PayWave, as well as other revenue-generating applications such as loyalty, identification and e-purse services. In addition, the contactless technology provided by Telium[®]Pass+ enables merchants to accept payment from varied devices such as mobile phones (NFC) and extend their offer with ease beyond conventional payment scenarios.



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Security

Optimum security is guaranteed through an embedded crypto-processor supporting standard encryption algorithms, and all devices are equipped with SAMs (Secure Access Module) reader as standard. Up to 4 SAMs can be accommodated for the acceptance of e-purses and private stored value schemes to maximise overall security. In addition, Mifare® proprietary security is available as an option.

Performance

The Telium®Pass+ series combines speed, convenience and ease-of-integration. Equipped with a 32 bit Arm microprocessor to provide the processing power required for fast contactless payment, a transaction can be carried out in milliseconds by simply passing a card in front of the Telium®Pass+ unit. Merchants are thus able to significantly reduce transaction times and maximise existing terminal investments.

Design/Ergonomics

Compact, robust and easy-to-use, Telium®Pass+ can be fixed as a tabletop device or mounted on any vertical surface for maximum versatility in any Point-of-Sale. Offering a wide range of functions, it features a buzzer, four LED indicators for intuitive use and a large graphical backlit display. Telium®Pass+ can also provide a loading facility to reload contactless e-purses as well as other stored value cards. It offers the possibility of co-branding with the acquirer, scheme or the issuer, to highlight card acceptance at merchant locations.

Connectivity

Equipped with a USB link to speed up the data exchange with host systems such as payment terminals, cash registers or PCs, Telium®Pass+ can also be equipped with a RS232 serial link to upgrade non USB-capable terminals.

Software development

Thanks to its advanced software development environment, the Telium®Pass+ series offers a wide choice of additional applications to increase operational versatility. Applications such as "Add-on-contactless", "PC-to-Telium", "and "External-Access-to-Telium" enable merchants to tailor their solution and interface with diverse systems and devices. What's more, the Telium®Pass+ series is backwards compatible with all 800+ Ingenico services and applications, and its operating system allows the merchant to rapidly roll out solutions catering specifically for their needs.

Field Services

To reduce the total cost of ownership and enable businesses to maximise their terminal investments, Ingenico provides a comprehensive range of terminal and software update and management services – both remotely and in the field. Fully certified professionals and local language helpdesks operate in every territory to ensure Ingenico is on hand to support customers 24 hours a day, seven days a week, 365 days a year.

NAME		Telium Pass Plus
Mode		Intelligent
Processor	Type	ARM 7
	Speed	50 MIPS
Memory		96 KB/512 KB
Contactless protocol	ISO 14443 A B	●
Contactless Card Reading	MasterCard (Magsripe)	Certified
	Visa (Magsripe)	Certified
	One Smart PayPass	Certified
	Paywave	Certified
	Mifare	●
Display	128 x 64	●
	Backlit	●
Connections	RS 232	optional
	USB	●
Buzzer		●
Power	USB 5 Volts	●
	External Power supply	optional (RS232 only)
Size (in mm)		145 x 109 x 19
Weight (in gr)		170
SAM		4
Customization		Landing zone
Environment	Operating temperature	+5°C to +45°C
	Relative humidity, non condensing	85% HR at +40°C

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