



The Payter P45 Globe is the latest development meeting the special needs and requirements for low cost versatile stand-alone terminal for contactless and mobile payments. It has a customer facing display and GPRS modem slot. Integrated is a merchant keypad and display. It comes with a USB, RS 232 and TCP/IP interface for connection with a cash register. The P45 can also be used in combination a Payter P10 reader as additional customer-facing unit.

Benefit from sophisticated, leading edge technology of the first contactless reader that combines GPRS and TCP/IP connection within one device. The reader is based upon a powerful ARM processor enabling multiple applications and ensuring future scalability. The P45 can work completely stand alone and only needs a power connection, so the ideal solution when you don't want complicated and vulnerable PC equipment or expensive integration processes.

The proven combination of a secure firmware download mechanism and a reader management system enables a cost efficient and future proof solution with complete control of the readers at all time. The cost effective P45 also comes with 2 SAM modules, 1 full size smart card module and GPRS interface enabling secure and advanced connections payment, loyalty and transit schemes. The stylish designed P45 comes with a stand to reduce valuable counter space.

ABOUT PAYTER

Payter is expert, pioneer and forerunner in the field of contactless technology and Near Field Communication. Starting in 2007 with the largest pilot in Europe in the field of contactless, mobile payments and mobile marketing, Payter got international fame and recognition. Since then, Payter is supplying innovative NFC technology to companies around the world providing sustainable, safe, efficient and future-proof solutions.

Payter BV is also your ideal partner in developing, integrating and implementing new products and solutions based upon innovative technology.





P45 SPECIFICATIONS:

Merchant Keypad

Merchant LCD
With NFC antenna



Location for build
in GPRS modem

Smart Card Slot



Customer LCD

4 LEDES

NFC Antenna

Contactless Interface	Mifare® classic protocol ISO14443 type A & B (T=CL) Working frequency 13.56Mhz ISO 18092: Support NFC Protocol
Operating Distance	Depending on the token up to 10 cm from Reader
CPU	Arm 7 Processor
Memory	16 MB SDRam (extendable up to 64 MB) 16 MB FLASH memory (extendable to 64 MB) Internal memory 64 KB
Host Interface	RS232 (Communication speed: up to 115200 bps) Full speed USB (12M bps) TCP/IP GPRS/GSM unit (optional)
Communication Speed	Baudrate up to 848 kbps
SAM Card Interface	2 SAM Slots & 1 Full size Smart Card slot Compliant with ISO7816-3 T=0 and T=1 protocol
Human Interface	128x64 dot matrix graphical merchant LCD with back light 128x32 dot matrix graphical Customer LCD with back light 4 leds Buzzer
Dimension	Desktop unit 100 x100 x90 mm Stand height 120 mm
Color	The reader also comes in a black and gray color scheme
Compliances	CE RoHS / WEEE
Operating system	XP, Vista, Windows 7, and Server 2003
Power Cable	Length 1.5 Meter shielded
Power	Input: AC110V/220V
Environmental	Operating Temperature -10C ~ 50 Storage temperature: -15 C ~ 70 C

The P45 can also be used in combination with the P10 reader when a separate customer unit is required.



Beukelsdijk 107
3021 AE Rotterdam
T +31 (0)10 478 29 29
F +31 (0)10 425 52 28

www.payter.com

MIFARE is a registered trademark of NXP Semiconductors B.V.
*Technical data provided here is subject to changes without notice
ALL INFORMATION CONTAINED IN THIS DOCUMENT
IS PROVIDED "AS IS"; PAYTER ASSUMES NO RESPONSIBILITY
FOR ITS ACCURACY AND/OR COMPLETENESS

© Payter2011, All other trademarks are trademarks
of their respective owners.