



payter[®]



VERSATILE CONTACTLESS READER

TCP/IP – USB - RS 232

All combined into one reader

Whether you're looking for a reliable payment terminal, innovative contactless reader or a loyalty, couponing, ticket reader which is easy to integrate, the P25 is the answer. Benefit from sophisticated, leading edge technology of the first contactless reader that combines serial, USB and TCP/IP connection within one device. The reader is based upon a powerful ARM processor enabling support for multiple applications and ensuring future scalability. The P25 is easy to integrate in a wide variety of products such as turnstiles, parking terminals and comes with an extensive SDK to develop your own applications. The cost effective P25 also comes with two SAM modules and GPRS interface enabling secure and advanced connections for payment and transit schemes. The reader can be delivered with an onboard or a separate antenna with LEDs to allow easy mechanical integration; in addition a blue back light LCD can be mounted on the main board.

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.



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P25 SPECIFICATIONS:

MIFARE is a registered trademark of NXP Semiconductors B.V.

FeliCa is a registered trademark of Sony Corporation

*Technical data provided here is subject to changes without notice



The P25 reader can be delivered with an onboard or a separate antenna with LEDs to allow easy mechanical integration in various products. Below the various standard antennas are depicted with their dimensions. The maximum length of the cable to an extern antenna is 1 meter.

Contactless Interface	Mifare® classic protocol ISO14443 type A & B (T=CL) Working frequency 13.56Mhz ISO 18092: Support NFC Protocol Optional FeliCa
Operating Distance	Depending upon the token up to 10 cm from Reader
CPU	Arm 7 Processor
Host Interface	2X RS232 (Communication speed: up to 115200 bps) Full speed USB (12M bps) TCP/IP
Communication Speed	Optional: GPRS/GSM unit Baudrate up to 848 kbps
SAM Card Interface	2 SAM Slots Compliant with ISO7816-3 T=0 and T=1 protocol
Human Interface	4 LED indicators Optional: 128x64 dot matrix graphical LCD with back light
Dimension	Main unit 120 x 120 x 58 mm Antenna unit 100 x 54 x 30 mm Other antenna sizes available upon request
Compliances	CE FCC class B Sub Part C RoHS / WEEE <i>MasterCard Paypass™ under development</i>
Operating system	XP, Vista and Server 2003
Power Cable	Length 1.5 Meter shielded
Power	Input: AC110V/220V
Environmental	Operating Temperature -10C ~ 50°C Storage temperature: -15 C ~ 70 C

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