Payter Portable Specification Sheet

Technical Specification

Contactless Interface	Working Frequency	13.56 Mhz
	Standards	ISO1443 type A & B (T=CL) ISO 18092: Support NFC Protocal MIFARE® Classic, MIFARE® DESFire, SmartMX
Contactless Communction Speed	Baudrate	106, 212, 424 and 848kbps depending on contactless card type
CPU		ARM 7 Processor
Memory	SDRAM	16MB
	FLASH	16MB
	Internal	64KB
Host Interface	RS232	Communitacation speed: up to 115200bps
	USB 2.0	Full speed 12Mbps
	LAN	10Mbps, TCP/IP
	GPRS/GSM, 3G	
	MDB Level 3,	
	EVA DTS, CCI	
Digital I/O	Potential free contact	Nominal switching voltage 3.3-24VDC Max. Voltage: 70VDC (with switch operation in saturation mode) Max. Current: 12.5mA *Potential Fee Open Collector Configuration.* *Maximum sink current is internally limited to, switch operating in saturation when sink current is < 12.5mA.* *Maximum leakage current in cutoff < 30µA*
SAM Card Interface	3 SAM Slots	ISO7816-3, T=0 and T=1 protocol
Human Interface	Acoustical	Buzzer
	Optical	4 LEDs, 128x32 dot matrix graphical LCD with back ligh
Compliances	Regulatory	CE, RoHS Green, WEEE
	Payment & Security	EMVCo, MasterCard, VISA, SRED, DUKPT, TLS 1.2
Power	DC Connector	5V DC ± 5%
	MDB Connector	minimum: 20VRMS (rectified optionally filtered) nominal: 34VDC unreg. (rectified and filtered) maximum: 42.5VDC (ripple voltage upper limit)
Power Consumption	@ 5V DC	<830mA
	Peak @GPRS	<2500mA
	@ 24V DC MDB	<207mA
	Peak @GPRS	<800mA
Temperature Range	Operating	-10°C ... +50°C
	Storage	-20°C ... +70°C
Enviroment	IP Rating	IP65
Weight		327g ± 10g
Mechanical Protection	IK Rating	1K 10 for front

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Dimensions The Angle Casing

All dimensions are in mm.

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