

# Datasheet

## PayTec Castles



Processor	ARM based 32 Bit application processor ARM based 32 Bit security processor
Memory	32 MB RAM 64 MB Flash
PINPAD	Rubber PINPAD, 15 raised keys with high tactile feedback and input help for visually impaired users
Display	Touchscreen 3,5" PCT colour display (320 x 480 px)
Card reader magstripe	ISO 7810, 7811 & 7813 Triple Track, Bi-Directional
Contact reader	ISO 7816, ID-1 1.8V/3V/5V T=0, T=1
Contactless reader	ISO 14443 Type A, B, ISO 18092 NFC & Mifare & SONY FeliCa Working frequency 13.56 MHz
Payment cards	all EMV Level 1 compatible chip cards (ISO7816) 3 Tracks
Communication	Headset: UMTS, GPRS, CDMA, WiFi, Bluetooth. USB Base: Ethernet, Dial up modem, RS232*3, USB, Bluetooth
Software Update	automatic remote update
Power supply	DC 9V/4A USB 5V/1A Li-Polymer battery 3.7V - 4.2V 2100 mAh
Housing	Black plastic
Maximum dimension without charging station	160 mm x 78 mm x 67 mm
Maximum dimension with charging station	137.6 mm x 81 mm x 48.8 mm
Operating system	Linux 2.6
Approvals Certifications	EMV Level1/Level2, EMV PBOC Level 1/Level 2 ep2 PCI-PTS 5.x TQM JBC J/Speedy FeliCa, Inter Flash Union Pay, UICS Discover D-PAS MasterCard PayPass Visa payWave American Express expresspay
ECl interface	KIT, ValuePOS, Pepper
Ambient conditions	storage temperature: -20 to -70° C operating temperature: 0° to 50° C Humidity: 5% bis 90% non-condensing

