



CREON

Portable POS Terminal



CREON Handset Specifications

CPU	ARM9 CPU + security processor
Memory	16MB SDRAM 128MB NAND Flash
LCD Display	128 x 64 dots LCD with Backlight
IC Card Reader	1 x Contact IC Card Reader (EMV/PBOC Level 1 Certified)
MSR Reader	1 x Magnetic Stripe Card Reader (ISO 1/2/3 track)
SAM	Max. 4 x SAM sockets (optional, with uSD socket, max. 3)
Keypad	18 keys (includes 1 Power-On key)



Real Time Clock	Lithium backed
Buzzer	A single tone beeper
Battery	7.4V, 900mAh Lithium Polymer rechargeable battery with over-voltage and over-current protection
Power input	DC 12V, 2.6A
Printer	2.25" Thermal printer with wasy loading (384 dots line, print width: 48mm, resolution: 8 dots/mm x 16dots/mm(WxH)) Maximum printing speed: 18 lines/sec on base unit
Interfaces	- 1 x MicroSD Interface - Charging contact plates - 1 x USB OTG - 1 x IR interface @115200bps (to communicate with the active base)
Overall Dimension	Handset: 208mm (L) x 90mm (W) x 63mm (H) Docking unit: 226mm (L) x 101mm (W) x 43mm (H) Overall (handset + Docking): 226mm (L) x 101mm (W) x 78mm (H)
Weight	560g (Handset with battery) 250g (Docking unit)

CREON Docking Specifications

CPU	ARM9 CPU
Memory	SRAM: 16KB (internal SRAM, volatile) SDRAM: 8MB Flash: 2MB
Modem	14.4k/33.6k/56k BPS(RJ11 6P6C at LINE port)
Interfaces	- Max.3 x RS232 Port @ 115200 bps (RJ11-6P6C) (output 9V power) - 1 x Ethernet 10 BaseT interface (RJ45, supports TCP/IP, UDP/IP, DHCP, PPP and SSL protocol, optional) - 1 x RJ11 port for modem line - 1 x IR interface to communicate with handset @ 115200 bps - 1 x On/Off Switch - 1 x Bi-colour LED indicator - 2 contact plates for handset charging
Power input	DC 12V +/- 10%, 2.6A from external power adaptor
Charging Voltage	12V for handset

Working Conditions

Temperature	0-45°C
R.H.	0-85% non-condense

Security and Certification

Certification	EMV level 1 and Level 2 certified PCI PTS V4.0
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* Specification is subject to change without prior notice.

*Remark: Old CREON-D handset in market cannot be put on this active base.



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