

SPECIFICATION SHEET

CARBON 10

SPECIFICATIONS

PHYSICAL CHARACTERISTICS

Dimensions	156,6 ^A x 82,6 ^B x 26 ^H mm
Weight	0g (without packaging) 0g (with packaging)
Display	4" color TFT with 400x800 resolution
Touch	Capacitive
Keypad	Backlit keypad with 10 numeric keys and 6 function buttons.
Notification	Audio: Mono speaker
Power	5V, 2A or 48V DC, 270mA (supplied via POE-adapter)

PERFORMANCE

CPU	1,2 GHz Cortex A53 Quad Core Processor
Memory	8GB eMMC internal storage 1GB DDR3 SDRAM
OS	Android 6.x

CARD READERS

Magnetic stripe	ISO 7811 compliant with 3 tracks ^(1, 2, 3)
Smart card	ISO7816-1/2/3 ^(18V, 3V, 5V) , Synchronous and asynchronous card protocol. EMV approved
Contactless	ISO18092 NFC, ISO14443 type A/B, MiFare
Supports the following* contactless applications	PayPass, PayWave, Discovery DPAS, ExpressPay, Interac Flash
SAM	1x

COMMUNICATION

USB, RS232, POE Ethernet (through cable). The Interfaces vary depending on configuration

USER ENVIRONMENT

Operating temp.	0°C to 50°C
Storage temp.	-20°C to 60°C
Humidity	5% to 95% (non-condensing)

* Full hardware Support. Software may require adjustments case to case.

SECURITY

Algorithm	3DES, AES, RSA, FPE(AES FFX)
Key management	MK/SK, DUKPT
TLS	1.2
Other	Secure Code Update Architecture

CERTIFICATIONS

PCI PTS	5.x
EMV	L1 & L2
Global security	GBIC, CC

ACCESSORIES AND PERIPHERALS

Carbon 10 can be fitted with a range of accessories, including SafeBase lockable terminal stand for secure installation, SmartBase Spacepole adapter and Cradle for desktop installations.

WARRANTY AND CONDITIONS

With reservation for Westpay's general terms and conditions, Carbon 10 can be complemented with standard service solutions, including a swap warranty that will deliver a replacement unit directly to the store.



WESTPAY