SPECIFICATIONS

PHYSICAL CHARACTERISTICS

Dimensions	181 ^{L} x 82,6 ^{B} x 63,5 ^{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
Battery	Li-Ion battery

PERFORMANCE

CPU	1,2 GHz Cortex A53 Quad Core Processor
Minne	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[1.8V, 3V, 5V]. Synchronous and asynchronous card protocol. EMV approved
Contactless	ISO18092 NFC, ISO14443 type A/B, MiFare
Supports the following* contactless applications	MasterCard PayPass, M/Chip, PayPass MagStripe, Visa pay-Wave MSD, VISA payWave, qVSDC, Discovery Zip, American Express ExpressPay
SAM/SIM	2x SAM, 1x SIM

PRINTER

Speed	15-20 lines per second
Paper	57mm paper width 40mm paper roll diameter 48mm printing width

COMMUNICATION

Wi-Fi	2,4 & 5Ghz
GSM	3G, 4G
USB-C	1x

USER ENVIRONMENT

Operating temp.	0°C to 50°C
Storage temp.	-20°C to 60°C
Humidity	5% to 95% (non-condensing)
Drop specification	1.2m to concrete

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

SECURITY

Algorithm	DES, 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

ACCESSORIES AND PERIPHERALS

Carbon 100 can be fitted with a range of accessories including a holster, charging dock and a vehicle charger.

WARRANTY AND CONDITIONS

With reservation for Westpay's general terms and conditions, Carbon 100 can be complemented with standard service solutions, including a swap warranty that will deliver a replacement unit directly to the store.

WESTPAY