

SPECIFICATIONS		VL110	
Processor		32-bit Secure Microprocessor running powerful Linux based OS	
Memory	Flash/DDR4	128 MB/64MB (Up to 256MB/128MB)	
	Micro-SD Socket	Yes	
Display		3.5" 320 x 480 TFT LCD	
Touch Screen		Yes	
Card Reader	Magnetic Stripe	ISO 7810, 7811, 7813 Triple Track, Bi-Directional	
	Contact Card	User Card	ISO 7816 ID-1 1.8V/3V/5V T=0, T=1
		SAM Card	2 (Up to 4)
	Contactless (Optional)	ISO 14443 Type A, B ISO 18092 NFC Mifare & Sony FeliCa Working Frequency 13.56 MHz	
Dual SIM		Yes	
Communications Interface Options	Handset	2G/3G/4G Wi-Fi Bluetooth USB	
	Base	USB	
Indicators	LED - 4	No	
	Audio Buzzer	Yes	
Keypad	Standard Keys	15	
	Function Keys	No	
Printer		57 mm x 40 mm, 100mm/sec	
Software		SDK KMS TMS GDB CTOS library ISO 8583 library Crypto library	
Crypto		TRNG DES T'DES AES RSA MK/SK DUKPT T'DES DUKPT	
Power Supply	Power Adapter / USB	9V/4A 5V/1A	
	Battery	Li-Polymer 3.7V ~ 4.2V 2100mAH	
Dimensions (mm)	Terminal	160 x 78 x 67 (mm)	
	Base	137.6 x 81 x 48.8 (mm)	
Weight		335 g	
Environment	Operating Temperature	0°C to 50°C	
	Storage Temperature	-20°C to 70°C	
	Operating Humidity	5% to 90% non-condensing	
Certification		PCI PTS 4.x EMV L1/L2 payWave PayPass ExperssPay D-PAS Interac Flash J-Speedy FeliCa UnionPay UICS TQM PBOC L1/L2	
Optional Additional Feature		2D Barcode Privacy Shield Charging Cradle	