

**SPECIFICATIONS**
**VL300**

Processor		32-bit Secure Microprocessor running powerful Linux based OS	
Memory	Flash/RAM		256 MB / 128MB
Display		3.5" Color TFT LCD   320 x 480 Pixels	
Touch Screen		Yes	
Card Reader	Magnetic Stripe		ISO 7810, 7811, 7813 Triple Track, Bi-Directional
Card Reader	Contact Card	User Card	ISO 7816 ID-1 1.8V/3V/5V T=0, T=1
		SAM Card	2 (Up to 6)
	Contactless (Optional)		ISO 14443 Type A, B   ISO 18092 NFC Mifare & Sony FeliCa Working Frequency 13.56 MHz
Communications Interface Options	Wire	Ethernet	
Audio			Speaker
Keypad	Standard Keys		15
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		DC 9V/1A	
Dimensions (L x W x H)	With Privacy Shield		150 x 78.5 x 68 (mm)
	Without Privacy Shield		150 x 78.5 x 39 (mm)
Weight	With Privacy Shield		250g
	Without Privacy Shield		225g
Environment	Operating Temperature		0°C to 50°C
	Storage Temperature		-20°C to 70°C
	Operating Humidity		5% to 90% non-condensing
	Storage 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	
Optional Accessories		Stylus Set   USB Cables   Privacy Shield	