

SPECIFICATIONS

VL500

| | | | |
|----------------------------------|-----------------------|--|-----------------------------------|
| Processor | | High Speed Quad-Core 32-bit Processor plus Secure MCU | |
| Operating System | | Android 9.0 | |
| Memory | Flash/RAM | 8GB/1GB (Up to 16GB/2GB) | |
| | Micro-SD Socket | Yes | |
| Display | | 5.5" 1280 x720 Color TFT Capacitive Touch Display | |
| 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 |
| | | SIM Card | 2 |
| | Contactless | ISO 14443 Type A, B ISO 18092 NFC Mifare and Sony FeliCa Working Frequency 13.56MHz | |
| Communications Interface Options | Wireless | 4G LTE/3G/GPRS WLAN Bluetooth | |
| | GPS | Yes | |
| Indicators | Audio | Speaker and 4 Pole Audio Jack Microphone | |
| Keypad | | Virtual Keypad (Support PIN on Touch) | |
| Printer | | 57mm x 40mm (Paper Roll Size), 100mm/sec (Print Speed) | |
| Camera | | 5M Pixel AF with Flash Light Rear Camera | |
| Software | | SDK KMS TMS GDB CTOS library ISO 8583 library Crypto library | |
| Crypto | | TRNG DES T'DES AES RSA MK/SK DUKPT | |
| Power Supply | DC | 5V/2A | |
| | Battery | 6000mAh/3.7V Li-ion Rechargeable Battery | |
| Dimensions (L x W x H) | | 200 x 78 x 56 (mm) | |
| Weight | | 495 g | |
| Environment | Operating Temperature | -10°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 6.x EMV L1/L2 payWave PayPass ExperssPay D-PAS Interac Flash J-Speedy FeliCa UnionPay UICS TQM PBOC L1/L2 | |
| Additional Features | | 2M Pixel FF Front Camera Rear Barcode Reader | |
| Optional Accessories | | Charging Cradle Communication Cradle | |