



HOST
MERCHANT
SERVICES



EXPERIENCE
THE **FUTURE** OF
**PAYMENT
TECHNOLOGY**

PRODUCT BREAKDOWN

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Valor PayTech is a fast-growing fintech provider of end-to-end, processor-agnostic omnichannel payments solutions. Host Merchant Services offers a wide range of Smart POS solutions from Valor PayTech. Experience the future of payments.

For more information, contact [Host Merchant Services](#)

Cloud Based Omnichannel Solutions



A Wide Range of Smart POS Solutions



Cutting-edge Countertop Solutions

Host Merchant Services and Valor are Redefining the Customer Payment Experience.



*Stand sold separately

Countertop Terminal

VL100



PIN pad

VL300

- Ethernet & Wi-Fi Connectivity
- Customizable Surcharge & Cash Discounting Program
- Auto-Connection Fallback Procedure
- Large Scale 3.5" Touch Screen Display
- Text & Store Digital Receipts
- Mobile Number Capturing
- Dual MID Feature
- Contactless Payment
- Supports On Screen Signature (Terminal & Pin Pad)
- Remote Diagnostics
- Built-In Customer Feedback Rating System
- Instant Deployment
- Bill Splitting
- SMS Text / Email Marketing with Engage My Customer
- Supports Remote Key Injection

Specifications

Processor*		32-bit Secure Microprocessor running powerful Linux based OS
Memory*	Flash / RAM	128 MB / 64MB (Up to 256MB / 128MB)
	Micro-SD Socket	Yes
Display*		3.5" Color TFT LCD 320 x 480 Pixels
Card Reader	Magnetic Stripe	ISO 7810, 7811, 7813 Triple Track, Bi-Directional
	Contact Card	User Card SAM Card
	Contactless (Optional)	ISO 7816 ID-1 1.8V / 3V / 5V T=0, T=1 2 (Up to 4) ISO 14443 Type A, B ISO 18092 NFC Mifare & Sony FeliCa Working Frequency 13.56 MHz
Communications Interface Options	Wired	Ethernet Dial-Up Modem RS232 * 2 USB * 2
Indicators	Audio Buzzer	Yes
Keypad*		Standard Keys (15)
Printer*		57 mm x 50 mm, 100mm /sec
Software*		SDK KMS TMS GDB CTOS Library ISO 8583 Library Crypto Library
Power Supply*	Power Adapter	DC 9V / 4A
	Battery	Li-Polymer 7.4-8.2V 1150mAh 5000mA (Max discharge current)
Dimensions (mm)		190(L) x 78(W) x 78(H)
Weight		350 g
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 PBOC L1/L2
Optional Additional Features		Speaker Detachable Battery

*Also featured on the VL300 PIN Pad.

New Age Wireless Terminal

Portable, Powerful, Reliable

VL
series
VALOR
PAYTECH



Features & Benefits

Wireless POS

VL110



- GPRS / 4G & Wi-Fi Connectivity
- Cash Discounting & Surcharge On Tip
- PCI-PTS 5.x Certified
- Large Scale Touch Screen Display
- Digital Receipts
- Email option on Screen
- Dual MID Feature
- Contactless Payment
- Contactless Scheme Certifications
- Handheld POS
- Digital Signature Capture & Pay At The Table
- High Security Processor
- Full Transaction Display
- Auto-Connection Fallback Procedure

Specifications

Processor	32-bit Secure Microprocessor running powerful Linux based OS		
Memory	Flash / RAM	256MB / 128MB	
	Micro-SD Socket	Yes	
Display	3.5" Color TFT LCD with Capacitive Touch Panel 320 x 480 Pixels		
Card Reader	Magnetic Stripe	ISO 7810, 7811, 7813 Triple Track, Bi-Directional	
	Contact Card	User Card	ISO 7816ID-11.8V / 3V / SVT=0, T=1
		SAM Card	2 (Up to 4)
	Contactless (Optional)	ISO 14443 Type A, B ISO 18092 NFC Mifare and Sony FeliCa Working Frequency 13.56MHz	
Dual SIM	Yes		
Communications Interface Options	Handset	4G LTE / 3G Wi-Fi Bluetooth	
	Base	USB	
Indicators	LED - 4	No	
	Audio Buzzer	Yes	
Keypad	Standard Keys	15	
	Function Keys	No	
Printer	57mm x 40mm, 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	9V / 4A 5V / 1A	
	Battery	Li-Polymer 3.7V - 4.2V 2100mAH	
Dimensions (mm)	160(L) x 78(W) x 67(H)		
Weight	496 g		
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 ExpressPay D-PAS InteracFlash J-Speedy FeliCa UnionPay UICS TQM		
Optional Additional Features	2D Barcode Privacy Shield Charging Cradle		

Next Generation Wireless Android Pos

Full POS Capability With Wireless Portability



Android POS
VL500



- 4G & Wi-Fi Connectivity
- Cash Discounting & Surcharging on Tip
- High Security Processor
- 5.5 Inch Touch Screen Display
- Digital Receipts
- PCI-PTS 5.x Certified PIN Pad
- Dual MID Feature
- Contactless Payment
Apple Pay | Google Pay
- EMV Contact / Contactless
- Supports Valor App Market
- Built-In Customer Feedback Rating System
- Auto-Connection Fallback Procedure
- Bill Splitting
- Customizable Menu & Inventory
- Contactless Scheme Certifications

Specifications

Processor		High Speed Quad-Core Processor plus Secure MCU	
Memory	Flash / RAM	8GB / 1 GB (Up to 16GB / 2 GB) Micro-SD Socket	
Display		5.5" Color TFTLCD with Capacitive Touch Panel 1280 x 720 Pixels	
Card Reader	Magnetic Stripe	ISO 7810, 7811, 7813 Triple Track, Bi-Directional	
	Contact Card	User Card	ISO 7816ID-11.8V / 3V / 5VT=0, T=1
		SAM Card	2 (Up to 4)
	SAM Card	1 (Up to 2)	
	Contactless (Optional)	4G LTE / 3G Wi-Fi Bluetooth	
Communications Interface Options	Wireless	ISO 14443 Type A, B ISO 18092NFC Mifare (Working Frequency 1356 MHz)	
Indicators	Audio	Speaker and 4 Pole Audio Jack + Microphone	
Keypad		Virtual Keypad (Support PIN on Touch)	
Printer		57mm x 40mm, 100mm / sec	
Software		SDK KMS TMS GDB CTOS Library ISO 8583 Library Crypto Library	
Power Supply	DC	5V / 2A	
	Battery	20 Watts Li-Ion Rechargeable Battery	
Dimensions (mm)		195(L) x 85(W) x 78(H)	
Weight		496 g	
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 5.X EMV L1 / L2 payWave PayPass ExpressPay D-PAS InteracFlash J-Speedy UnionPay UICS TQM PBOCL1/L2	
Optional Additional Features		Front / Rear Camera Stylus Base Fingerprint Reader Barcode Reader Microphone	

Cutting-edge Countertop Solutions

Redefining The Merchant & Customer Payment Experience



Features & Benefits

Countertop Terminal
VP100



PIN pad
VP300

- Multi-peripheral ports
Wi-Fi Connectivity
- Customizable Surcharge & Cash Discounting Program
- Auto-Connection Fallback Procedure
- Large Scale 3.5" Touch Screen Display
- Text & Store Digital Receipts
- Mobile Number Capturing
- Dual MID Feature
- Contactless Payment
- Supports On Screen Signature
- Remote Diagnostics
- Built-In Customer Feedback Rating System
- Instant Deployment
- Bill Splitting
- SMS Text / Email Marketing with Engage My Customer
- Supports Remote Key Injection

Specifications

Processor*	32-bit ARM Cortex-A7 secure processor, 1.2GHz	
Memory	256MB RAM, 256MB FLASH	
	512MB RAM, 512MB FLASH	Optional
	MicroSD card	Optional (up to 32GB)
Display	3.5-inch TFT full color LCD display, resolution of 320 x 480	
	Capacitive touchscreen, support electronic signature	
Wired Communication	Dial-up Modem	
	Ethernet 10/100 Base T	
Wireless Communication	WIFI (802.11 b/g/n) or WIFI (802.11 b/g/n/ac)	Optional
Magnetic Card Reader	Triple track, bi-directional, conforming to ISO 7810/7811/7813	
Smart Card Reader	Conforming to ISO 7816, 1.8V/3V/5V, synchronous & Asynchronous, T=0 & T=1	
Contactless Card Reader	Conforming to ISO 14443 Type A/B, Mifare, Felica	
Keypad	10 x alphanumeric keys, 5 x function keys, with backlight	
Printer	High-speed thermal printer, 32lps Paper roll diameter: 40mm Paper width: 58mm	
Power Supply	Input: 100-240V AC, 50Hz/60Hz, 0.7A	
	Output: 9.0V DC, 2.5A	
	Backup Li-ion battery	Optional
Dimensions	171mm(L) x 80mm(W) x 67mm (H)	
Weight	315g	
Environment	Operating temperature: 0°C~40°C (32 F ~104 F)	
	Storage temperature: -20°C~60°C (-4 F ~140 F)	
	Relative humidity: 5%~93% (Non-condensing)	
Certifications	PCI PTS 6.x, EMV L1/L2, EMV Contactless L1, PayPass, PayWave, American ExpressPay	
	Discover D-PAS, UnionPay QuickPass, TQM, CE, RoHS	

Valor's RCKT a Pocket-Sized POS

Instantly Pairs with Valor's Mobile Application



mPOS
RCKT



- Pairs Instantly with Mobile Device
- PCI-PTS 5.x Certified PIN Pad
- EMV Contact / Contactless
- Embedded NFC Reader
- Contactless Scheme Certifications
- Compatible with IOS & Android
Apple Pay, Google Pay
- Accepts Pin Debit and EBT
- Supports Remote Key Injection
- Long Lasting Battery Life
- High Speed Data Transfer
- Powerful Processor Large Memory
- Cash Discount & Surcharge Programs

Specifications

OS	RTOS (proprietary)
CPU	32-bit high performance secure processor
Memory	512KB SRAM, 512KB+4MB FLASH 512KB SRAM, 512KB+8MB FLASH
Display	1.7-inch monochrome LCD display, resolution of 128 x 64, with backlight Bluetooth 4.2
Magnetic Card Reader	Triple track, bi-directional, conforming to ISO 7810/7811/7813 Optional
Smart Card Reader	EMV L1/L2, conforming to ISO 7816, 1.8V/3V/ 5V Synchronous & Asynchronous, T=0 & T=1
Contactless Card Reader	EMV Contactless L1, conforming to ISO 14443 Type A/B, Mifare , Felica
Audio	Built-in buzzer
Keypad	10 x alphanumeric keys, 5 x function keys, 1 x Power button
Peripheral Ports	1 x TYPE-C for charging and communication
Battery	Li-ion battery, 3.7V/470mAh/1.74Wh Li-ion battery, 3.7V/1100 mAh/4.07Wh 4G/2G Version
Power Supply	5V DC, 0.5A 5V DC, 1.0 A 4G/2G Version
Dimensions	102.7mm(L) x 55.8mm(W) x 16.5mm(H) 102.7mm(L) x 55.8mm(W) x 17.9mm(H) 4G/2G Version
Weight	100g including battery 108g including battery 4G/2G Version
Environment	Operating temperature: 0°C~40°C(32 F ~104 F) Storage temperature: -20°C~70°C (-4 F ~158 F) Relative humidity: 10%~90% (Non-condensing)
Certifications*	PCI PTS 5.x, EMV L1/L2, EMV Contactless L1, PayPass, payWave American ExpressPay, Discover D-PAS, TQM, CE, RoHS



The Cloud Based Portal that does it all

A True Omni-Channel Solution



Portal



Virtual Terminal

Portal

- Engage my customer
- Instant Boarding
- Real time Transactions
- Batch Settlements
- Download & Email Receipts
- Reports
- Customize Device Parameters
- Valor Shield Risk Management Tool



Virtual Terminals



- Dynamic Transaction Descriptor
- Auto Apply for L2 & L3 Benefits
- Tokenized Payments
- E-commerce Integrations
- E invoice Text to Pay & Email to Pay
- Recurring Payments
- Pay Now Link Hosted Payment Page



The Power of Customer Engagement

Increase Merchant Revenue | Decrease Attrition



Engage My Customer

Analyze your customers spending habits and send targeted marketing campaigns, all within the Valor Portal.



Customer Retention

Protect Your Reputation

Using Valor's Survey Tool with Engage My Customer empowers merchants to instantly respond to negative feedback, stopping bad reviews before they occur.

Win Back Lost Customers

Send targeted marketing campaigns to customers who have stopped visiting your business for a specified amount of time and win them back.



Digital Receipt Marketing

By encouraging customers to "go green" and opt for an SMS receipt, Merchants not only help protect our environment they:

- Collect customer's contact information to use for future marketing purposes
- Can add powerful marketing messages and clickable links to the digital receipt



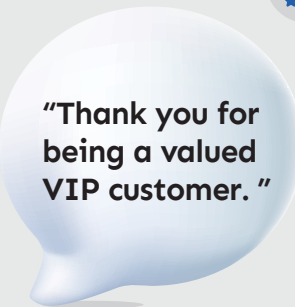
Target VIP & Large Spenders

Retain VIP Customers

Customers that frequently visit your business should never be lost. Stay in communication with your VIP Customers and they will never leave.

Market to High Spenders

In most businesses, 20% of your customers account for 80% of your revenue. Losing one is not an option. Stay in communication and keep them spending.



When do my customers spend?

Understanding when your customers spend money is a valuable statistic. Prepare your business for the busy times and send marketing messages to increase traffic during slow times.





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