VALOR
PAYTECH

EXPERIENCE THE FUTURE OF PAYMENT TECHNOLOGY

Contents

Valor PayTech

Valor PayTech is a fast-growing fintech provider of end-to-end, processor-agnostic omnichannel payments solutions. The company equips both merchants and reseller partners with comprehensive, cutting-edge tools and flexibility to succeed in today's rapidly changing business environment. Experience the future of payments.

For more information, visit
valorpaytech.com.

Cloud Based Omnichannel Solutions

A **Wide Range** of **Smart**
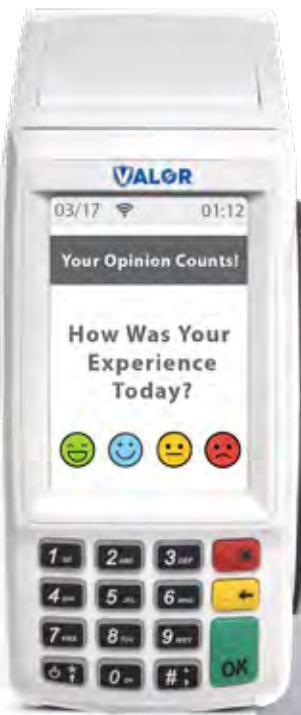# **POS** Solutions

VL110

VL500

RCKT mPOS

VP110

VP100

VL300

VL100

Cutting-edge Countertop Solutions

Redefining The Merchant & Customer Payment Experience

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**

*Stand sold separately

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	ISO 7816 ID-1 1.8V / 3V / 5V T=0, T=1
	Contact Card — SAM Card	2 (Up to 4)
	Contactless (Optional)	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	0ºC to 50ºC
	Storage Temperature	-20ºC to 70ºC
	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.

VALOR PAYTECH

VL series

New Age **Wireless Terminal**

Portable, Powerful, Reliable

Wireless POS

VL**110**

- **GPRS / 4G & Wi-Fi Connectivity**
- **Large Scale Touch Screen Display**
- **Dual MID Feature**
- **Handheld POS**
- **Full Transaction Display**

- **Cash Discounting & Surcharge On Tip**
- **Digital Receipts**
- **Contactless Payment**
- **Digital Signature Capture & Pay At The Table**
- **Auto-Connection Fallback Procedure**

- **PCI-PTS 5.x Certified**
- **Email option on Screen**
- **Contactless Scheme Certifications**
- **High Security Processor**

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 / 5VT=0, T=1
	Contact Card — 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	0ºC to 50ºC
	Storage Temperature	-20ºC to 70ºC
	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

03/17 60% 01:12

SALE $50.00

TIP
$12.50

| 10% | 15% |
| 20% | 25% |

VALOR

VALOR PAYTECH

Next Generation **Wireless** Android **Pos**

Full POS Capability With Wireless Portability

VL series

Android POS

VL500

Features & Benefits

- **4G & Wi-Fi Connectivity**
- **5.5 Inch Touch Screen Display**
- **Dual MID Feature**
- **Supports Valor App Market**
- **Bill Splitting**

- **Cash Discounting & Surcharging on Tip**
- **Digital Receipts**
- **Contactless Payment** Pay Pay G Pay
- **Built-In Customer Feedback Rating System**
- **Customizable Menu & Inventory**

- **High Security Processor**
- **PCI-PTS 5.x Certified PIN Pad**
- **EMV Contact / Contactless**
- **Auto-Connection Fallback Procedure**
- **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		0ºC to 50ºC
	Storage Temperature		-20ºC to 70ºC
	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

Valor PAYTECH

Cutting-edge Countertop Solutions

Redefining The Merchant & Customer Payment Experience

VP series

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
	Capacitve 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: $0^0C\sim40^0C$ ($32\,℉\sim104\,℉$)
	Storage temperature: $-20^0C\sim60^0C$ ($-4\,℉\sim140\,℉$)
	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 PAYTECH

VP series

mPOS

RCKT

Valor's **RCKT** a **Pocket-Sized POS**

Instantly Pairs with Valor's Mobile Application

- **Pairs Instantly with Mobile Deivce**
- **Contactless Scheme Certifications**
- **Long Lasting Battery Life**
- **PCI-PTS 5.x Certified PIN Pad**
- **Compatible with IOS & Android** Pay G Pay
- **High Speed Data Transfer**
- **EMV Contact / Contactless**
- **Accepts Pin Debit and EBT**
- **Powerful Processor Large Memory**
- **Embedded NFC Reader**
- **Supports Remote Key Injection**
- **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 ℉ ~104 ℉)	
	Storage temperature: -20°C~70°C (-4 ℉ ~158 ℉)	
	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

Download & Email Receipts

Instant Boarding

Reports

Real time Transactions

Customize Device Parameters

Batch Settlements

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.

ENGAGE My Customer

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.

"Thank you for being a valued VIP customer. "

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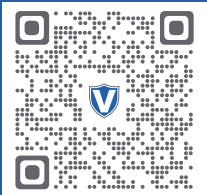
When do my customers spend?
Understanding when your customers spend money is a valuable statistic. Prepare your business for the busy times and send marketing messages to increase traffic during slow times.

VALOR PAYTECH

VALOR
P A Y T E C H

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