

IM Series

Unattended Payment Solutions

Ideal for Self-Service Environments |
Waterproof & Vandal-Resistant | Easy
Integration | Contactless | PCI PTS 5.x
SRED | Secure Hybrid Card Reader | Colour
Display | Multiple Connectivity Options



IM300

IM500

IM700

The IM Series from PAX is ideal for self-service sales points such as petroleum forecourts, car parks, kiosks & vending machines, as well as transit & ticketing environments.

Engineered to the highest design & quality standards, the IM Series offer the latest in PCI, EMV and other industry certifications.

Payment system integrators can avail of 3 modules:

- A rugged stainless steel PINpad & TFT display
- A secure hybrid card reader
- A separate contactless landing pad

These IM modules install easily in conventional aperture sizes and offer intra-module encryption and multiple connectivity options.

FEATURES & BENEFITS

Rugged & Reliable

- Cooling fan and heating pad connector
- Ethernet / 3G / 4G / WiFi / Bluetooth
- Data encryption between modules
- Security shutter for card reader
- Flexible and secure platform
- Card retention capability
- PCI PTS 5.x, SRED

Easy Integration

- Cut out compatible to EVA standards
- Weather resistant for outdoor use
- Standard USB connectivity
- IK10 vandal resistant
- Plug-and-play

Exceptional User Experience

- Manual card insertion
- Emergency power-failure card release
- High resolution color screen
- ADA compliant keypad
- Optical LED guidance



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Specifications	Model	IM300	IM500	IM700
Processor	CPU	ARM A9, 1GHz	ARM A7, 500MHz	ARM A7, 500MHz
OS	Prolin	•	•	•
Memory	Flash / SDRAM	512 / 512	128 / 256	128 / 256
Card Readers	Triple track MSR / EMV L1 & L2 certified		•	
	ISO 14443, 13.56MHz, Type A / B			•
Display	TFT Color display	2.8 inch 320 x 240 pixels		
Keypad	Numeric keys / Function keys / Navigation keys	10 / 4 / 2		
Card Slots	SAM	3	2	2
Adapter	Output	9V ~ 42V DC	5V DC	5V DC
Audio	Buzzer	•	•	•
Peripheral Ports	USB Device / RS232	1 / 4	1 / 1	1 / 1
	USB Host / MDB / LAN / Audio Jack	2 / 1 / 1 / 1		
Communications	LAN	•		
	4G / 3G / WiFi / Bluetooth	optional		
Environmental	Operating temperature	-20°C ~ 70°C	-30°C ~ 70°C	-30°C ~ 70°C
	Relative humidity	5% ~ 95%	5% ~ 95%	5% ~ 95%
	Storage temperature	-30°C ~ 70°C	-30°C ~ 70°C	-30°C ~ 70°C
Mechanical	External dimension (W x H x D mm)	92 x 140 x 32	100 x 68 x 137	82 x 68 x 34
	Installation cutout (W x H mm)	82 x 120	73 x 61	72 x 44
	Ingress protection	IP65	IP34	IP65
	Shock protection	IK10	IK10	IK10
Certifications	PCI PTS 5.x, SRED / UL / CE / FCC / RoHs	•	•	•
	MasterCard TQM		•	•
	EMV Contactless L1 / Discover D-PAS Visa payWave / American ExpressPay MasterCard Contactless			•
	EMV L1 & L2		•	

