



# PAX IM20

All-in-one Unattended Payment Terminal

## Exceptional Performance

The IM20 has a high performance ARM A7 processor, abundant memory capacity and operates smoothly with a Prolin operating system.



## Large Display

The 4.3-inch color touchscreen with 480 x 272 pixels delivers stunning viewing experience.

## Accept All Kinds of Payments

The payment module supports Chip & PINs, magstripe NFC contactless, and has a professional scanner for QR code payments.



PCI PTC 5.x certified | EMV L1 & L2 | PayWave L2 | PayPass L2 | MasterCard TQM | FCC

## Communication Box

Add a communication box, CM20, for better connectivity: (Ethernet/4G/3G) and connectivity (USB/RS232).



## Scenarios

(pictures) Vending machine, kiosk, gas station, ticketing, drive-thru, self-charging station.



## Technical Specifications

<p><b>Display</b> 4.3-inch TFT Color Display 480 x 272 pixels Touchscreen</p>	<p><b>Processor</b> Cortex-A7</p>	<p><b>Memory</b> 256MB DDR + 128MB Flash</p>
<p><b>Communications</b> Wi-Fi (2.4GHz) + Bluetooth (4.0)</p>	<p><b>Power</b> 5.0V DC, 2.0A (via USB) 9V-45V DC (via MDB)</p>	<p><b>Physical</b> W x H x D (mm) :140 x 122 x 73 Weight (g): 491g</p>
<p><b>Card Readers</b> Magnetic Card Reader Smart Card Reader Contactless Card Reader</p>	<p><b>Camera</b> 0.3 Megapixel Fixed Focus Front Camera Reads 1D &amp; 2D Codes</p>	<p><b>Keypad</b> Virtual Keyboard on touch screen</p>
<p><b>SAM Slots</b> 3 x SAM</p>	<p><b>Certifications</b> PCI PTS 5.x, SRED, EMV L1 &amp; L2, EMV Contactless L1, Visa payWave, MasterCard payPass, American ExpressPay, MasterCard TQM, Discover D-PAS, Interac_Flash L2, J/Speedy L2, CSEC, APCA, UL, CE, FCC, Anatel, CCC, RoHS, IC</p>	<p><b>Environmental</b> -20°C ~ 70°C (-4°F ~ 158°F) Operating Temperature -30°C ~ 70°C (-22°F ~ 158°F) Storage Temperature 5% ~ 95% Relative Humidity, Non-condensing</p>
<p><b>Peripheral Ports</b> 1 x USB Device 1 x RS232 1 x MDB</p>		

## CM 20 Communication Box (Optional)

<p><b>Peripheral Ports</b> 1 x USB Host 1 x USB Device 1 x RS232 1 x DC Jack in 1 x LAN 2 x SMA 1 x SIM 1 x Digital I/Os</p>	<p><b>Communications</b> 3G/4G (optional) Wi-Fi (5GHz) (optional)</p>	<p><b>Physical</b> W x H x D (mm): 88 x 96 x 26 Weight (g): 204</p>
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