# IM-Series

## Easy-to-mount unattended modules



## Rugged, Reliable, Resistant

Built with the highest quality smear-proof stainless steel, the IM-Series are designed to withstand all kinds of outdoor situations.

- IP & IK approved
- Up to 70℃ operating temperature
- Withstand water and heavy rain
- Up to 95% humidity
- Vandal and scratch resistant

## Seamless Integration. Seamless paying experience

Speed up go-to-market time, save time on upfront costs, and remove integration friction. Supporting any traditional and alternative payment methods.



## Personalized solution

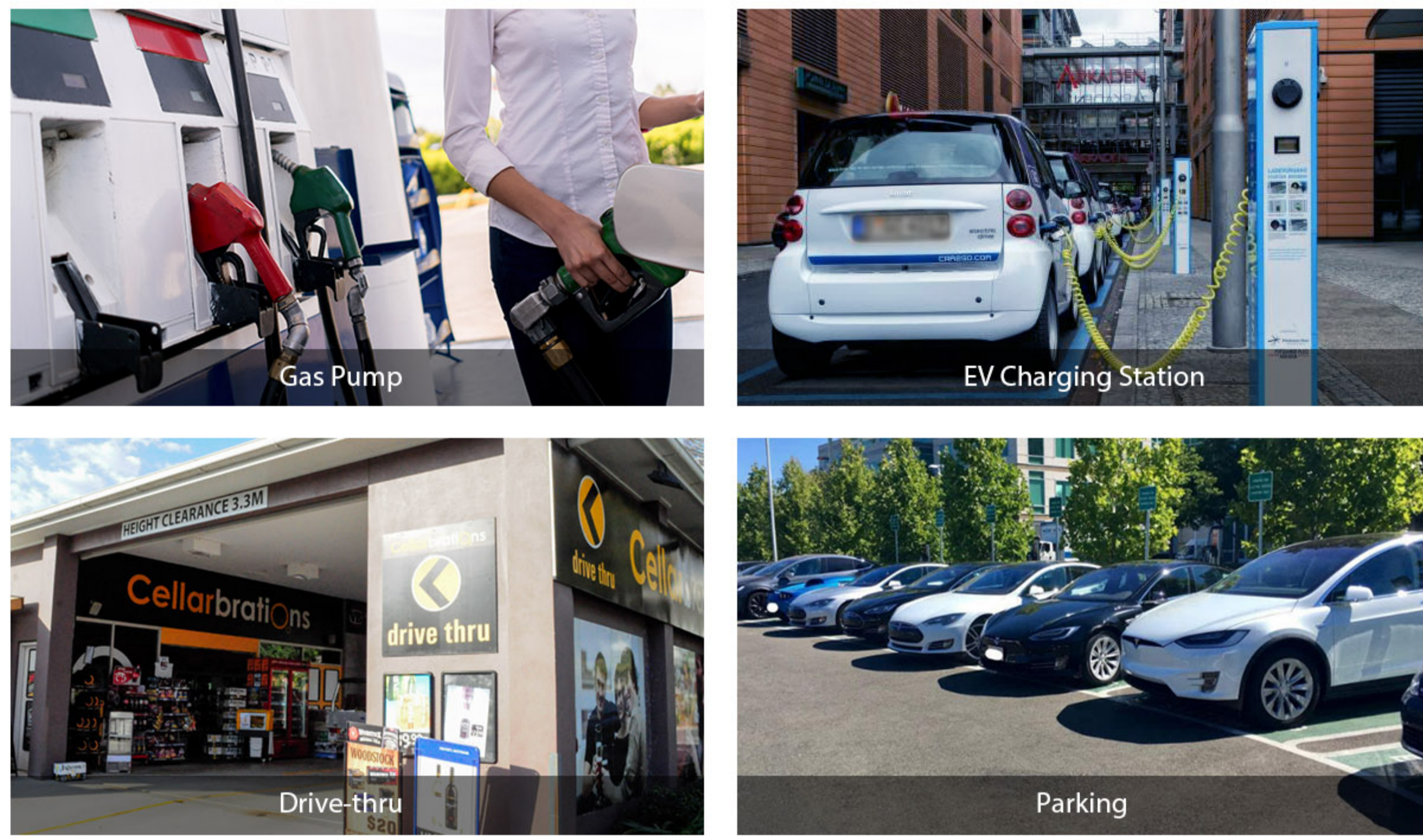Customize the unattended solution you need.



**IM300 PED+Display & IM310 PINpad**

Built with rugged stainless steel and TFT display, the IM300 offers a colour screen and connectivity via 3G / Wi-Fi® / Bluetooth® / Ethernet. IM310 is the ideal solution if you love all the functionalities of IM300 but don't need the display.

**IM500 Hybrid Card Reader**

The secure hybrid card reader supports chip and magnetic stripe payments. A card retention mechanism is considerately designed to ensure consumers do not pull the card out while it is being read, and cater for emergency power failure card release.

**IM700 Contactless Reader**

Versatile enough to be used as a standalone reader when you need to process unattended payments fast and with low turnaround time.

## Ideal Unattended Solution



Gas Pump

EV Charging Station

Drive-thru

Parking

## Technical Specifications

### ■ IM300

| | | |
|---|---|---|
| **OS** Prolin | **Processor** ARM A9, 1GHz | **Memory** 512MB Flash / 512MB SDRAM |
| **Display** 2.8 inch, 320 x 240 pixels TFT Color display | **Power** 9V ~ 42V DC | **SAM Slots** 3 x SAM |
| **Communications** LAN 3G (WCDMA) / Wi-Fi® / Bluetooth® (optional) | **Environmental** -20℃ ~ 70℃ Operating temperature 5% ~ 95% Relative humidity -30℃ ~ 70℃ Storage temperature | **Physical** External dimension (W x H x D mm): 92 x 140 x 32 Installation cutout (W x H mm): 82 x 120 |
| **Physical Protection** IP65 / IK10 | **Peripheral Ports** 1 x USB Device / 4 x RS232 2 x USB Host / 1 x MDB 1 x LAN / 1 x Audio Jack | **Certifications** PCI PTS 5.x, SRED / UL CE / FCC / RoHs |

### ■ IM310

| | | |
|---|---|---|
| **OS** Prolin | **Processor** ARM A7, 0.5GHz | **Memory** 128MB Flash / 256MB SDRAM |
| **Physical Protection** IP65 / IK10 | **Power** 5V DC | **Certifications** PCI PTS 5.x, SRED / UL CE / FCC / RoHs |
| **Peripheral Ports** 2 x USB Host / 1 x USB Device 1 x RS232 1 x extended side keys connector | **Environmental** -30℃ ~ 70℃ Operating temperature 5% ~ 95% Relative humidity -30℃ ~ 70℃ Storage temperature | **Physical** External dimension (W x H x D mm): 95 x 82 x 23 Installation cutout (W x H mm): 74 x 74 |

### ■ IM500

| | | |
|---|---|---|
| **OS** Prolin | **Processor** ARM A7, 0.5GHz | **Memory** 128MB Flash / 256MB SDRAM |
| **Card Readers** Triple track MSR EMV L1 & L2 certified | **Power** 5V DC | **SAM Slots** 2 x SAM |
| **Certifications** PCI PTS 5.x, SRED / UL CE / FCC / RoHs Mastercard TQM EMV L1 & L2 | **Environmental** -30℃ ~ 70℃ Operating temperature 5% ~ 95% Relative humidity -30℃ ~ 70℃ Storage temperature | **Physical** External dimension (W x H x D mm): 100 x 68 x 137 Installation cutout (W x H mm): 73 x 61 |
| **Physical Protection** IP34 / IK10 | **Peripheral Ports** 1 x USB Device / 1 x RS232 | |

### ■ IM700

| | | |
|---|---|---|
| **OS** Prolin | **Processor** ARM A7, 0.5GHz | **Memory** 128 Flash / 256 SDRAM |
| **Card Readers** ISO 14443, 13.56MHz, Type A / B | **Power** 5V DC | **SAM Slots** 2 x SAM |
| **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 | **Environmental** -30℃ ~ 70℃ Operating temperature 5% ~ 95% Relative humidity -30℃ ~ 70℃ Storage temperature | **Physical** External dimension (W x H x D mm): 82 x 68 x 34 Installation cutout (W x H mm): 72 x 44 |
| | **Peripheral Ports** 1 x USB Device / 1 x RS232 | **Physical Protection** IP65 / IK10 |