

# SELF SERIES

Payment solutions designed to meet your self-service requirements



ingenico

## New challenges in the self-service market

With new economic and sanitary challenges, the payment ecosystem is moving with increasing speed in adopting self-service solutions.

Operators are adapting their payment infrastructure and investing more in self service solutions to meet their consumer expectations. Indeed, consumers desire technology that enables a quicker and more convenient shopping experience with limited interaction.



# 80%

of consumer worldwide are now using contactless, citing safety and cleanliness as key drivers.

(source: Mastercard)

# 73%

of surveyed shoppers prefer retail self-service technologies, such as self-checkout.

(source: 2020 Annual connected Retailer Survey-SOTI Survey)

# +13.3%

2019-2026 CAGR for the global kiosk market

(source: Fortune Business Insight)

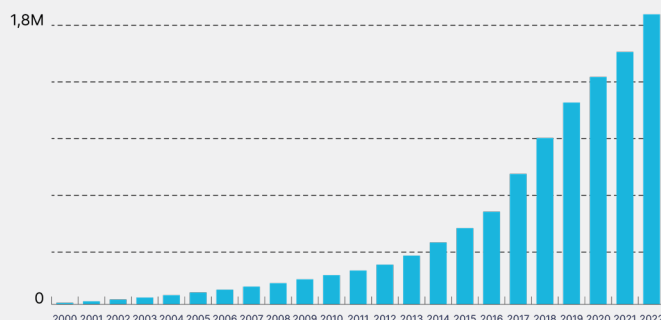


## Ingenico, your trusted partner in self-service

As a pioneer and leader in self-service payments for over 30 years, Ingenico offers a complete range of self-service solutions that are targeted at specific vertical industries use cases (Vending, Retail, Transportation, Parking, Hospitality, and more). With its new Self series, Ingenico continues to re-invent the self-service business.

Ingenico expertise in payments and our Customer Care services can provide estate management and professional services for self-service deployments.

Cumulated sales of Ingenico unattended devices  
( in units - 2000-2022 )



• **+1,700,000 units**  
sold since 2010

• **+70 countries covered**



## Consumer Requirements

- **All payments accepted**  
As part of the TETRA range, the Self Series leverages one of the largest payment applications portfolio and can accept QR code-based payment thanks to the embedded or optional camera.
- **Easy to use**  
The Self Series offers – a color touchscreen, sound guidance capability(with optional external speaker), a hybrid reader, and a presence detector for automatic keyboard lighting resulting in a very intuitive and user-friendly interface.
- **Security & Durability**  
Certified with the latest security standards (PCI PTS v6), the Self Series provides a high degree of security resulting in operators piece of mind.

## Operator Requirements

- **Easy Integration**  
The Self all-in-one are very compact terminals which allows them to be easily integrated into kiosks, either from the outside or inside, preserving the kiosk's design.  
  
The Self modular can be installed in any kiosk as an upgrade from an ISelf configuration or a competitive legacy solution.
- **Robustness**  
The Self Series is designed for intensive use cases (IK09/IK10/IK10+). The Self/3000, Self/7000 & Self/8000 are suitable for both indoor and outdoor environments (IP65/IP44).  
  
\*If the Self Series Integration Guide best practice recommendations are implemented.
- **Modularity**  
Integrators can select the right modules to build their desired configurations (MDB, 4G) with future evolution to support a 5G add-on module. These add-on boxes work on any Self Series terminal (all in one or modular).
- **Cost-efficiency**  
The Self Series design builds in high quality and reliability which maximizes the overall terminal availability.  
  
Additional services (extended warranty, estate management..) contribute to reducing the TCO.
- **Long-term support**  
Telium2 or Telium TETRA applications are portable to the Self Series resulting in optimizing previous development investments.

**The Self Series is designed to be use case specific and meet your self-service requirements.**



# The Self Series can handle your Self-Service business needs



	Self/2000	Self/3000	Self/4000	Self/5000	Self/7000 & 8000
Vending low value	✓ ✓	✓ ✓	✓	✓ ✓	✓ ✓
Vending high value			✓ ✓	✓ ✓	✓ ✓
Car wash	✓ ✓	✓ ✓	✓	✓	✓
EV charging	✓ ✓	✓ ✓	✓	✓	✓ ✓
On-street parking kiosk	✓	✓	✓	✓	✓ ✓
Off-street parking kiosk			✓ ✓	✓	✓ ✓
Transportation - Ticket Vending Machine			✓ ✓	✓	✓ ✓
Retail - Store Pick up - Pay		✓	✓ ✓	✓ ✓	✓ ✓
Hospitality - Order/Pay - Check-in		✓	✓ ✓	✓ ✓	✓ ✓
Micromarkets	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓
Entertainment - Ticket/Pay	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓
Other indoor kiosks (postal, health, airline..)			✓ ✓	✓ ✓	✓ ✓
Other outdoor kiosks (bike rental, lockers...)	✓	✓ ✓			✓ ✓

## The Self Series grows your business and insures long-term revenues with a full set of applications, development tools, and services

### PAYMENT APPLICATIONS

Leverage Ingenico's existing development tools to reduce overall time to market and integration effort

- **+2,500 payment applications:**  
Visa, Mastercard, Amex, CUP, UPI, Discover, Alipay, Wechat
- **A full package of development and project tools:**  
SDK + Unattended add-on • Ingedev, LLT, Profiling tool, remote debug, trace...  
PCL APIs for easy integration • Training sessions with experts (remote, on site..)

### ESTATE MANAGEMENT & SECURITY

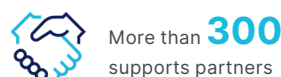
Maximize terminal availability and uptime while maintaining full security and control

- OS & applications download campaign management • remote helpdesk & diagnostics • remote keys injection...

### HARDWARE SERVICES PACKAGE

Relief from worrying about payment security complexity

- From consulting service to daily support and maintenance with our Ingenico local experts



# Advanced features for an improved self-service experience

Ruggedized capacitive touch screen (IK09)  
**PIN on Glass** certified for **SCA (Strong Customer Authentication)** on each SELF terminal



16 keys mechanical backlit PIN pad  
**Suitable for visually impaired people**

**Hybrid card reader** with LEDs providing intuitive card insertion and steel shutter

Fully compliant with **EVA** (European Vending Association), **EPS** (Electronic Payment System) for a standard door module



**Embedded 2MP camera** for alternative payment method (APM), Barcode scanning, QR codes, digital wallet and loyalty



**2 slots or optional add-on boxes** according the needs and use-case requirements (4G, MDB)

**Standard connectors** (USB, RS232, LAN)



## Self Series Overview



**Self/2000**



**Self/4000**



**Self/5000**

### Readers



### Color display

3.26" (QVGA)

2.27" (640\*240)

3.26" (QVGA)

### Camera

2MP

2MP

2MP

### User interface

Capacitive touch

Keyboard (16 keys)

Capacitive touch

### IK / IP

IK09 / IP65

IK09 / IP44

IK09 / IP44

### Optional ADD-ON boxes

POWER box, MDB box, EXE box, CONNECTIVITY box

### OS platform

TELUM TETRA

### Standard features

Secure cortex A5 - 512 MB Flash - 512 MB RAM - 2x SAM -  $\mu$ SD card reader  
2 x USB-A host - 1 x USB-B slave - 2 x RS232 RJ11 - 1 x LAN RJ45 - 1 x sound connector

### Security

PCI PTS v5 certified - PIN on Glass certified (Self/2000, Self/5000)



# Affordable solution without PIN entry for Vending, EV charging or car wash self-service businesses

**Ruggedized color display (IK10) with contactless area. Waterproof (IP65)**

**Card reader NO PIN entry (No CVM device):**

- One EMV chip card
- One MSR card



**Easy mounting** from outside the machine or from inside the machine (with optional mounting plate)

**Two dedicated function buttons**

## Standard version



**Full set of connectors** (USB, RS232, LAN, MDB)

**Optional add-on box** according to the needs and use-cases requirements (4G)

## Basic version



**USB and serial connectors** compatible with the legacy Ingenico solution for a seamless replacement

**Flush mounting** while re-using iUC285 connection points



**Self/3000 Basic**



**Self/3000 Standard**

### Readers



No PIN entry (No CVM devices)

### Color display

Non touch 2.4" (320x240) color display - 2 user keys

### IK / IP

IK10 / IP65

### Optional ADD-ON boxes

N/A

CONNECTIVITY BOX

### OS platform

TELIUM TETRA  
Low energy platform

### Standard features

256 MB RAM / 256 MB Flash - 1 x USB-B slave  
- 1x RS232 RJ11

MDB slave - 256 MB RAM / 256 MB Flash  
- 1 x USB-B slave - 1x USB-A host  
- 1x RS232 RJ11 - 1 x LAN RJ45

### Security

PCI PTS 6.x certified

# Innovative 2-modules configuration

Contactless card reader  
(EMV 3.0)

16 keys mechanical  
keyboard illuminated by  
RGB LEDs, proximity/  
overlay sensor and  
ambient light sensor

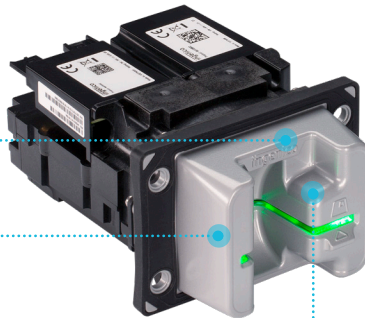
Metal buttons & frame  
for maximum durability  
(IK10)



Available in 2 form factors (EVA & ARTEMA) to fit in any kiosk.  
Allows easy upgrade of the iSELF IUP250 or any competitor

Ergonomically  
designed for easy  
card withdrawal  
while adding  
fraud detection.  
(Tampering/skimmer)

Highly ruggedized  
bezel (IK10+)



Hybrid card reader (ergonomic intuitive interface) with  
backlight. LEDs in the reader entrance and steel shutter

2 slots for optional add-on boxes based on the  
client's needs and use case requirements (4G, MDB)



Full set of connectors  
(USB, RS232, LAN, sound...)

## Self Modular Overview



Self/8000



Self/7000

### Readers



### Color display

2.5" (320x160) IPS

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### User interface

Keyboard (16 keys)

-

### IK / IP

IK10 / IP65

IK10+ / IP44

### Optional ADD-ON boxes

-

Power Box - MDB Box - Connectivity Box

### OS platform

TELUM TETRA

TELUM TETRA

### Standard features

Secure Cortex M33 - 788 BB Flash - 2 MB  
1x IDMI USB link with Self/7000

Secure cortex A5 - 512 MB Flash -  
521 MB RAM - 2x SAM - µSD reader  
2x USB-A host - 1x USB-B slave - 2x RS232 RJ11  
- 1x LAN RJ45 - 1x sound connector

### Security

PCI PTS v6 certified

PCI PTS v6 certified