Auto-ID reader
PLUS 10

The All-in-one device for ID document and people identification.

PLUS

Auto-ID reader
PLUS 10

The All-in-one device for ID document and people identification.

The Plus 10 is an all-in-one device for ID document reading that works in conjunction with the Plus 20000 portable terminal. It is not simply an accessory, but also a technologically advanced snap-on device, designed to read the most different ID documents of most world's countries. The Plus 10 reduces footprint for its compact size and mainly because it incorporates multiple readers (OCR, MSR, NFC, IC Card,1D/2D Barcodes) in a single product.

PLURISERVICE S.P.A.

1.

Small and practical

The Plus 10 is extremely compact: 4.4"(H)x3.0"(L)x1.8"(D); (112x78x46 mm), resulting in a very practical device in high crowded environments, such as airports, where there is also a large number of ID documents.

112 mm

46 mm

78 mm

2.

Rugged and durable

Shock-resistant:
Drops up to 5' (1.5 m)
IP54 protection grade against water and dust
Temperature range: -4 to 140F (-20 to 60C)

E2K

3.

Easy to assemble and disassemble

Just one second to connect/disconnect the Plus 10 and the Plus 20000
Push on the two side buttons to trigger the release mechanism.

1.

OCR reader

Its integrated OCR reader can identify characters printed on paper passports and ID cards.

2.

MSR reader

Magnetic Swipe Reader for e-document, fidelity cards and microchip reading.

3.

Fingerprint Reader

Fingerprint reader with sensor area of:
0.31"(H)x0.31"(L)x0.27"(D)

4.

NFC and 1D/2D barcode reader

5.

Data storage

You can store and reuse data downloaded from scanned documents via an existing application, such as E2K Collect, or via a new application to be implemented.
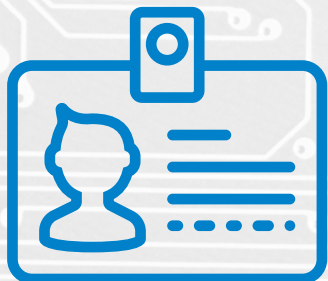
6.

Sam Slot for payments

The Plus 20000 is equipped with 2 Sam Slots for payments with credit or debit cards (read by the Plus 10).

PLURISERVICE S.P.A. ®

Applications

Hotels, Restaurants, Airports, Public Offices, Police Headquarters, Bus and Train Stations, Theme Parks, Public Security

The most important strength of the Plus 10 is the ability of providing crowded public places with a single device capable of reading a wide variety of ID documents and store their data.

Pluriservice.it

PLURISERVICE S.P.A.

Plus 20000

The most powerful in its class

The Plus 10 works in combination with the Plus 20000, the smartphone portable terminal with all radios on board. The Plus 20000 guarantees 8 working hours of field operation and comes with a full range of accessories, such as: USB data transfer cradle, spare battery slot/charger, vehicle charger kit and USB or Ethernet 4-slot multi-cradle.

TECHNICAL SPECIFICATIONS
- Android marshmallow 6.0
- Display 4,3 WVGA (800 X 480) capacitive TFT backlit Touch (resistive is optional)
- CPU 1.8gHZ Octa-core - 3Gb RAM - 16Gb ROM 16 Gb.
- Radiofrequency 802.11 a-b-g-n. - Bluetooth 4.0
- HF 13,56 Mhz - ISO 14443 A/B - Mifare - ISO 15693 card Support
- 1860 mAh or 4000 mAh battery
- weight 8.8-10.5 oz (250-300 g) dimensions 2.8 x 5.4 x 0.8 (73 x 139 x 21,5 mm)
- operating temperature -4 to 131 F (-20° to +55° C) interfaces
- USB Host 2.0 - USB Client 2.0 - External serial RS232
- Bluetooth 2.1 with VDR
- 1D laser - 2D Imager scanner
- 13Mpixel camera with autofocus and flash LED. virtual smart keyboard, G sensor, digital compass, acceleration sensor , proximity and ambient light sensor, magnetic field sensor.

Pluriservice.it

OCR (MRZ Reader)

Standard OCR Fonts	OCR-B and E13B
Machine Readable Passports (MRP)	2 lines of 44 characters
Machine Readable Visas (MRV)	2 lines of 44 characters, 2 lines of 36 characters
Travel Documents	2 lines of 36 characters, 3 lines of 30 characters
Field of View Object Height	19.6 mm nominal
Depth of Field	1.5 mm maximum from imager window

Fingerprint Authentication Performance

EER	<0.645%
Enrollment Time	<1 sec
Verification Time	<1 sec

MSR (Magnetic Swipe Card Reader)

Magnetic Swipe Reader	Reads magnetic cards complying with ISO7811/2-5

Dimension and Environment

Dimension	112mm(L) × 78mm(W) × 46mm(D)
Sealing	IP54
Drop	1.5m
Operating Temperature	0℃ to 50℃
Storage Temperature	-20℃ to 60℃
Compatible Devices	Plus 20000

Photo Credits:
Designed by 4045; Freepik; evening_tao; www.freepik.com