

# Seamless Desk

## Identity Management



### Product Description

The Seamless Desk was engineered to provide Identity Management entities with the capability of capturing high-quality face image, fingerprints and signature, enabling the issuance of electronic identity documents in compliance with the relevant regulations, such as ICAO Doc 9303.

It combines biometric quality excellence with a modern design that optimises the footprint and flexibility of installation at the enrolment facilities.

### TECHNICAL DATA SHEET



Face camera and smart led



Fingerprint readers and signature pad

### Face image acquisition and processing

Resolution	4224 x 3156 pixels (13 Megapixel)
Distance range	0.60m to 1.5m
Height adjustment	Automatic adjustment Height adjustment speed: 300mm/s Height range: 350mm Height coverage: 1.2m to 2.0m
Illumination	Integrated diffuse light with dynamic ambient light intensity adjustment 4 independent quadrants compensate for differences in light source direction (e.g. window nearby or roof lamps) Light colour: 6000-6500K white
User guidance	Coloured light ring around the camera with effects
Biometric algorithms	Proprietary face detection, quality analysis and capturing algorithm

### User display

Screen size	7" landscape
Aspect ratio	5:3
Resolution	800 x 480
Display colours	16.7 million (24 bits)
Luminance	520 cd/m2
Touchscreen	Capacitive technology
User Guidance	Instructions to user on how to properly use the device

### Officer guidance

Status semaphore	Light positioned at the top of the unit 360° visibility
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### Fingerprint readers

Configuration	2 x single-fingerprint scanners
Optical scanning area	2) mm x 1, mm
Scan resolution	500 DPI
Grey scale	8 bit, 256 grey levels
Quality standards	CE, BSI-TR-03104, BSI-CC-PP-0062-2010, FBI-PIV, FCC Part 15 Subpart B Class A

## Signature pad

Display type	F-STN
Cover plate surface	Tempered glass
Native resolution	320 x 200 pixels
Reading technology	Electromagnetic Resonance (EMR)
Active area size	96 x 60 mm
Coordinate resolution	2540 lpi / 0.01 mm/pt (non-interpolated)
Coordinate accuracy	±0.5 mm (centre)
Report rate	200 points per second (non-interpolated)
Pressure levels	1024 (non-interpolated)

## Electrical characteristics

Electrical ratings	24V DC @ 5A
Power supply	External 110V-230V AC to 24V DC Power button on back of the equipment
Data interface	Ethernet 1Gbps
Compliance	CE, RoHS

## Physical characteristics

Dimensions	Height: 894 mm Width: 310 mm Depth: 387 mm
Weight	20Kg
Materials	Painted steel Acrylic
Interfaces for external devices	1x HDMI 3x USB 1x RJ45 ethernet
Installation	Desktop
Security	Internal components protected by screwed cover Back cabling interface protected by a screwed cover, power button on the back of the equipment

## Operating Conditions

Temperature	Operation: 10° C to 30° C Storage: 0° C to 40° C
Humidity	Operation: 20% to 80% RH non-condensed Storage: 10% to 90% RH non-condensed



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