



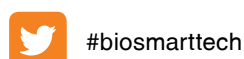
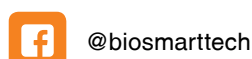
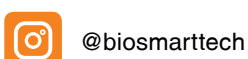
BioSmart 3DFace



BioSmart 3DFace implements deep machine learning algorithms based on convolutional neural networks (CNN), as well as unique hardware and software solutions for modeling 3D face images. Thanks to them, the quality of identification has significantly improved compared to traditional 2D approaches.

Maximum Number of Users	1 M
Maximum Number of Faces	20 000
Maximum Number of Cards or QR Codes	1 M
Identification Time 1:N per Face	≤1sec
Scan Distance	0.3–1.5 meters
Exposure Compensation	Adjustable white light
Optical Module	2 MP double synchronized camera; 1080 p; Autofocus; Scanning range: 140 cm – 190 cm
Face Recognition Accuracy	FAR 10 ⁻³ FRR = 0,5% FAR 10 ⁻⁶ FRR = 1,00% FAR 10 ⁻⁸ FRR = 3,0%
Maximum Number of Stored Events	10 M
Processor	GPU NVidia Jetson Nano
Operating System	Linux
Screen	10,1" Touch Screen Full HD
Sound	HiFi
Ethernet for the Computer Connecting	IEEE 802.3, 10BASE-T, IEEE 802.3u, 100BASE-TX
Connection Interfaces	USB2.0 High Speed, Wi-Fi, BLE, NFC, RS-485
Discrete Interfaces	Wiegand 26–40 enter, exit
BioSmart Secure IO ZFlex Support	Yes
Number of Discrete Inputs	1
Onboard relay	12V, 1A
Case Opening Sensor	Yes
PoE Power Support (Power over Ethernet)	IEEE 802.3at
Power Options	12VDC±15%, 3A
Temperature range	0 – +50 °C
Surface Mounted Plastic Case	174x300x52
Appearance	Plastic case
Weight	1.5 kg
Guarantee	5 years

Follow us on:



BioSmart s.r.o.
Konevova 2660/141, 130 00,
Prague, Czech Republic
+420 240 097 126
sale@biosmart-tech.com
biosmart-tech.com