BIOXCESS™

BFS & BF500

Hybrid Biometric Access Control and Time attendance with Enhanced Visible Light Facial Recognition Terminal

| Proactive Facial Recognition | New Height of Anti-Spoofing | Speedy Recognition | +/- 30 Wide Pose Angle Acceptance | Touchless for Better Hygiene |

BIOXCESS™ BF500 is a visible light face access control stand-alone terminal. It supports facial recognition and fingerprint with the option to support RFID verification. This series is also equipped with ultimate anti-spoofing algorithm for facial recognition against all types of fake photos and videos attack.
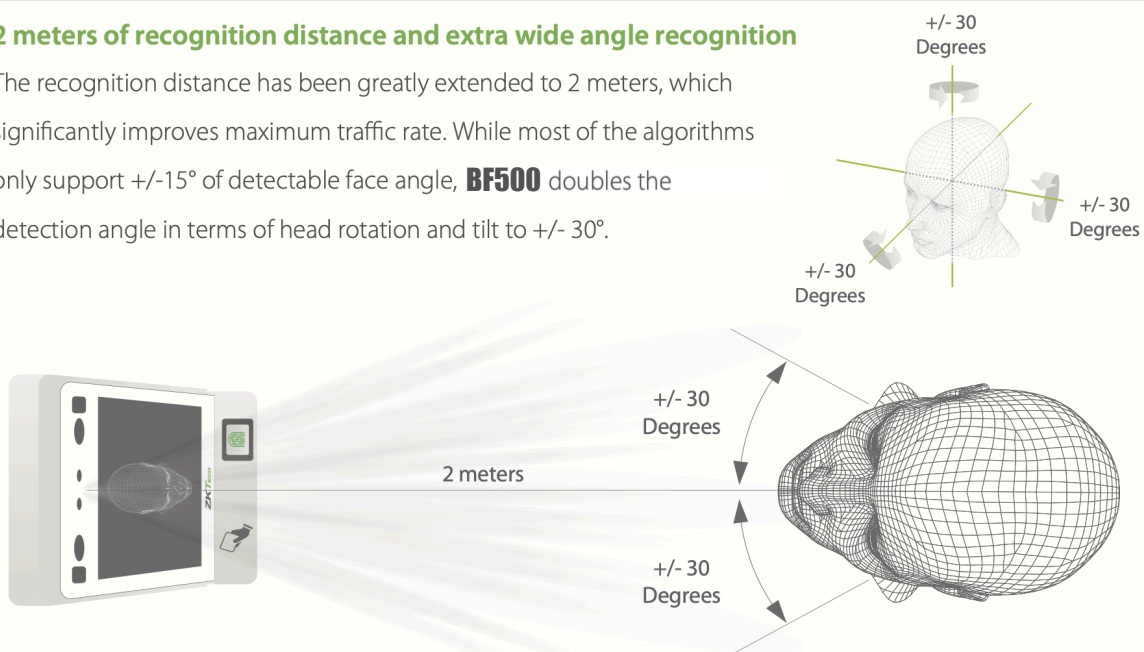
With **BIOXCESS™** BFS, you can now create an optimal combination for both In and Out access control, offering the most cost-effective solution.

Features

• IP65 water and dust resistance (BF500)
• Operating temperature from -5°C to 45°C
• Multiple Verification: Face / FingerPrint / RFID (Optional)
• Available card modules:125KHz ID card / 13.56MHz IC card
• Fill Light with adjustable brightness

2 meters of recognition distance and extra wide angle recognition
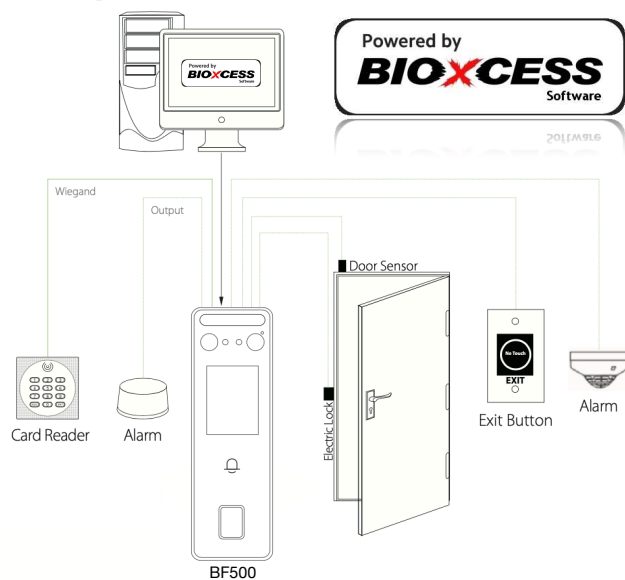
The recognition distance has been greatly extended to 2 meters, which significantly improves maximum traffic rate. While most of the algorithms only support +/-15° of detectable face angle, **BF500** doubles the detection angle in terms of head rotation and tilt to +/- 30°.
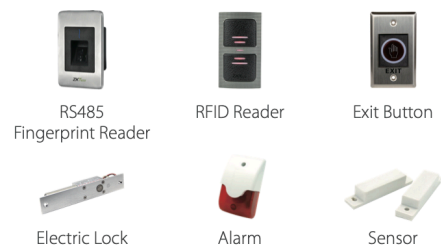
+/- 30 Degrees

+/- 30 Degrees

+/- 30 Degrees

+/- 30 Degrees

2 meters

+/- 30 Degrees

Specifications

Display	2.4-inch Touch Screen
Face Capacity	500
Fingerprint Capacity	3,000
Transactions	200,000
Operation System	Linux
Standard Functions	DST, Camera, 14-digit User ID, Record Query, Multiple Verifications Mode
Hardware Specifications	1.2GHz Dual Core CPU 256MB RAM / 512MB Flash 1MP Binocular Camera Adjustable LED Fill Light
Communications	TCP/IP, WiFi (Optional), Wiegand Input / Output, RS485
Access Control Interface	EM Lock, Door Sensor, Exit Button, Alarm Output, Auxiliary Input
Facial Recognition Speed	≤ 1s
Power Supply	12V3A
Operating Humidity	10% - 90% RH
Operating Temperature	-5°C - 45°C
Dimensions (LxWxD)	185x58.5x20 mm

Configuration

Powered by **BIOXCESS** Software

Wiegand
Output
Door Sensor

Card Reader   Alarm   Electric Lock   Exit Button   Alarm

BF500

Optional Accessories

RS485 Fingerprint Reader   RFID Reader   Exit Button

Electric Lock   Alarm   Sensor

Dimensions(mm)

185.0   58.5   19.0   20.0   58.5

Malaysia Sole Distributor

CE FC energy EPA POLLUTION PREVENTER

BIOXCESS™
w w w . b i o x c e s s . c o m