

AFR8800 Face Recognition Readers

The **AFR8800 Face Recognition Readers** are high speed, dynamic recognition terminals available in 2 variations: a base model for face recognition, and an enhanced model that combines fever and mask detection. The AFR8800 readers use the Face++ (NIST FRVT ranked Top 10) algorithm to detect faces, analyze 106 data points on each face to confirm a person's identity with a high degree of accuracy. These contactless readers are most suitable for use in the current pandemic across almost all industries.

Built-in dual cameras guarantee 3D face detection, and reliably differentiates liveliness from video/photo images.



AFR8800x

AFR8800Tx

Key Features



- 8 inch color LCD, built-in speaker and proximity detection



- Recognition speed of up to 0.7s and recognition distance from 0.5m to 2.0m



- 1:N recognition (N=20,000) with accuracy of 99.99%



- Integrated dual cameras and dual (infrared and visible) light for 3D face detection, recognition and anti-spoofing

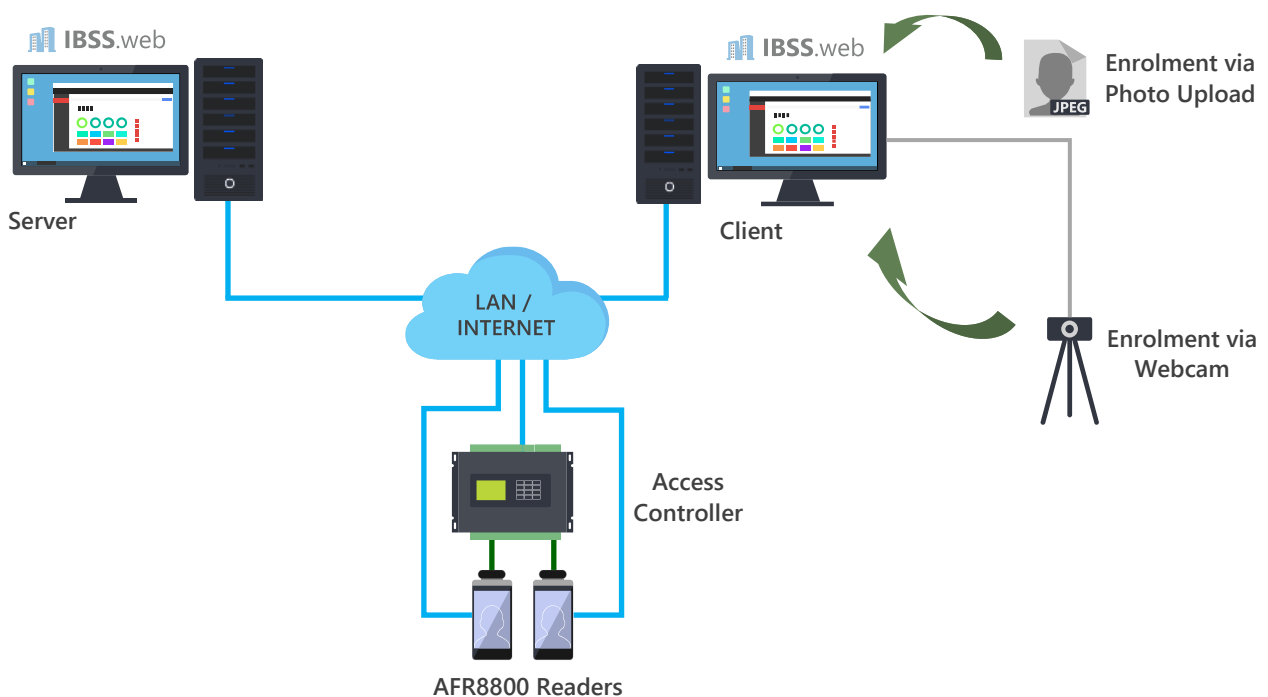


- Fever detection with temperature accuracy of $\pm 0.3^{\circ}\text{C}$ and mask detection



- Fully integrated with IBSS.web security management software for single pass user enrolment

System Design



Technical Specifications

Specifications**	AFR8800Tx*	AFR8800x*
Description	AFR8800 Pro Series Face Recognition Reader with Fever and Mask Detection	AFR8800 Pro Series Face Recognition Reader
Authentication Method	Face Recognition	
Recognition Algorithm	Face++	
Communication Interface	Wiegand, Ethernet (template download)	
Camera	Dual wide dynamic camera with dual infrared light	
Face Recognition Speed	< 0.7s	
Accuracy Rate	99.99%	
Fever Detection	Yes	No
Temperature Accuracy	±0.3°C	-
Mask Detection	Yes	No
LCD Display	8" Colour LCD with Backlight	
Users	20,000	
Event Buffers	10 Days	
DC Power Supply	12VDC	
Operating Temperature	-10 – 60 °C	
Humidity	10% – 90%	
Dimension (H x W x D)	266.4 x 125.0 x 24.5 mm	234.0 x 125.0 x 24.5 mm

**Specifications are subject to change without prior notice.

Ordering Information

Model No.	Description
AFR8800T _{xp}	AFR8800 Pro Series Face Recognition Reader with Fever Detection (Pole Mount)
AFR8800T _{xw}	AFR8800 Pro Series Face Recognition Reader with Fever Detection (Wall Mount)
AFR8800 _{xp}	AFR8800 Pro Series Face Recognition Reader (Pole Mount)
AFR8800 _{xw}	AFR8800 Pro Series Face Recognition Reader (Wall Mount)
AFR88DT	Optional Desktop base for Face Recognition Reader
AFR88FL	Optional Floor Standing base for Face Recognition Reader (1.1m)