

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

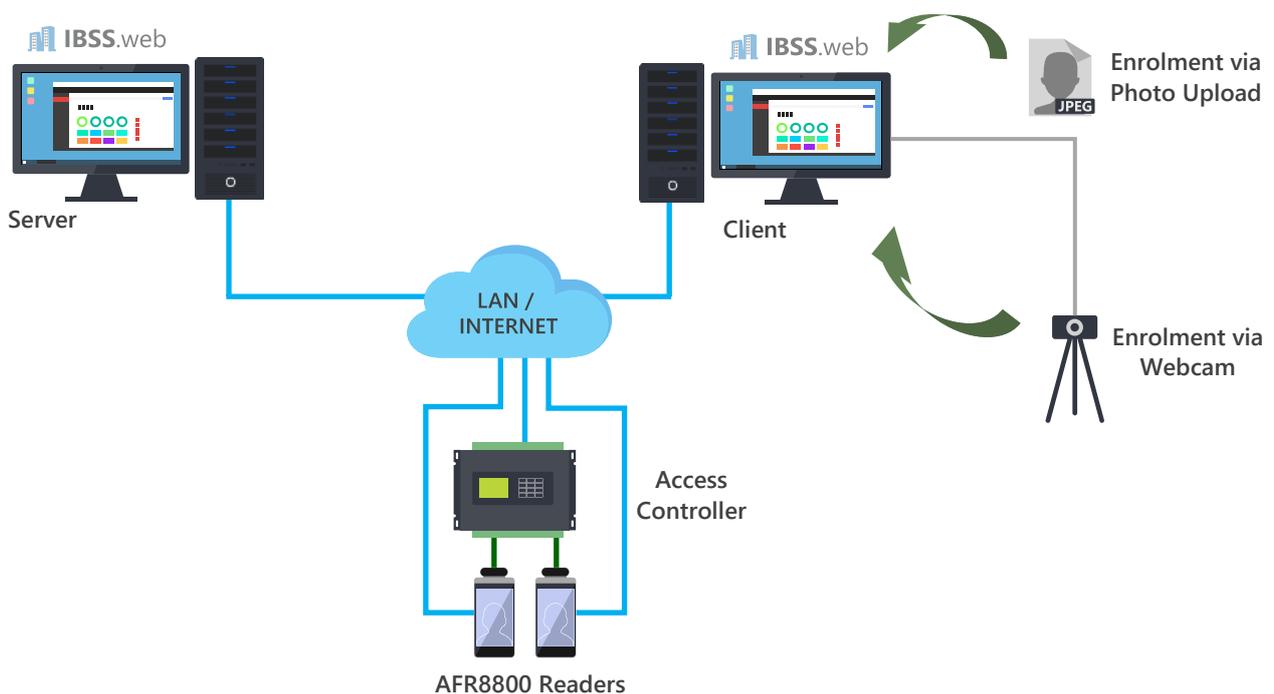


- Fever detection with temperature accuracy of $\pm 0.3^{\circ}\text{C}$ and mask detection



- 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
AFR8800Tp	AFR8800 Pro Series Face Recognition Reader with Fever Detection (Pole Mount)
AFR8800Tw	AFR8800 Pro Series Face Recognition Reader with Fever Detection (Wall Mount)
AFR8800p	AFR8800 Pro Series Face Recognition Reader (Pole Mount)
AFR8800w	AFR8800 Pro Series Face Recognition Reader (Wall Mount)
AFR88SW	Face Recognition Software (1 license per Server/PC)
AFR88DT	Optional Desktop base for Face Recognition Reader
AFR88FL	Optional Floor Standing base for Face Recognition Reader (1.1m)