

# Face, Palm, and Temperature MultiBio Reader

This door reader-controller is designed for organizations that need more than standard access control. The TVIP-MultiBio is a biometric reader-controller that not only recognizes faces and palms, it also detects elevated temperature and if a person is wearing a protective mask.

The reader-controller can prevent people with elevated body temperature or no mask from entering a secure area.

## Designed to Help Hospitals and Other Health Sensitive Organizations

This access control reader helps hospitals control entry. It provides a way of screening people as they enter a secure area.

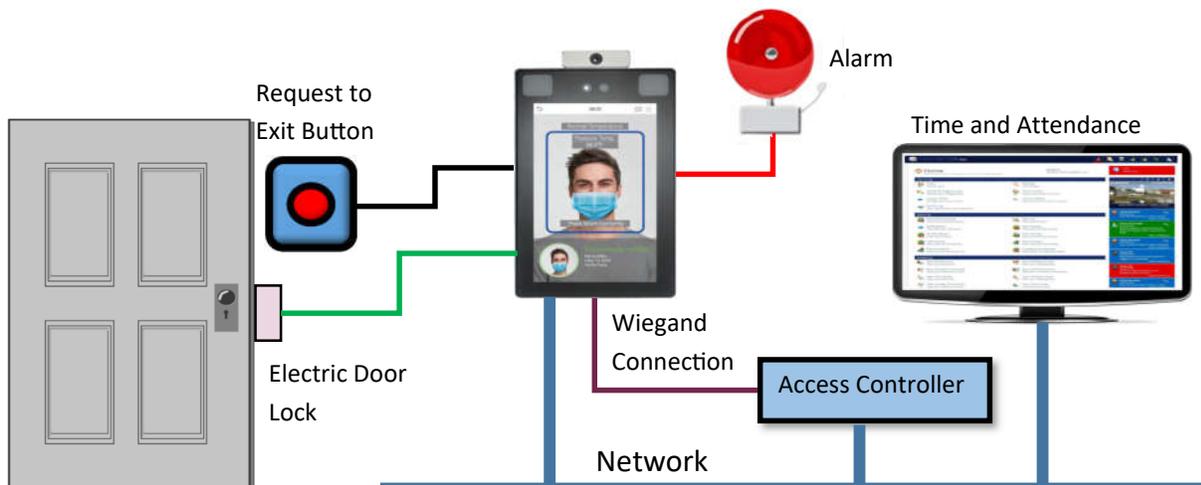
Its embedded face recognition sensor provides 100% hands-free hygienic user authentication.

Do you need more protection? The biometric reader detects if a protective mask is being worn. Users can be denied access if a fever is detected, or if the person is not wearing a mask.



## Features of Access Control Reader

- Face authentication range up to 8 feet
- Stores & matches up to 50,000 face templates
- Mask detection
- 8-inch touchscreen display
- Intelligent energy-saving design
- Dual lens IR & VL camera recognizes faces in both total darkness and bright sunlight (<50,000 lux)
- Vandal-proof rating
- Body temperature detection accuracy +/- 0.6 degrees Fahrenheit from up to 2 feet away.
- Connects directly to the network (RJ45) or to an access controller (Wiegand)



## Specifications

### Capacity

Faces: 50,000 Palm: 5,000 Users

### Compatibility

Wiegand Input Panels  
Wiegand Output readers  
TVIP-TirSoft Access Control Software  
Relay Box (SRB)

### Hardware

900 MHz Dual Core AI CPU  
512MB RAM/ 8C Flash  
8" Touch Screen Display  
2MP WDR Camera  
Distance Detection Sensor  
Reset Button and Tamper Switch

### Access Control Interface

Lock Relay Output  
Alarm Output /Auxiliary Input  
Exit Button / Door Sensor

### Special Functions

IK04 Rated  
0.3s Face Recognition Speed  
LivenessDetection  
EventSnapshot

### Standard Functions

Access Levels,  
Groups, Holidays, DST,  
Duress Mode (password),  
Anti-Passback, Record Query,  
Tamper Switch Alarm,  
Custom Wallpaper & Screen Saver

### Temperature Measurement

Temperature Distance: 18-inches  
Temperature Accuracy: +/- 0.6 °F  
Surgical Mask Detection

### Communication

TCP / IP (RJ45)  
Wiegand Input / Output  
Note that this biometric door reader can be connected directly to the network or through a controller.

RS-485 / RS-232  
Wi-Fi (Optional)

### Environmental

Working Temp.: -22 F to 140 F  
Working Humidity: ≤93%  
Storage Temp: - 40Fto169F  
Storage Humidity: ≤93%

### Mechanical

Net Weight: 1.5 lbs.  
Size (H x L x D): 8.9 x 5.6 x 1 inch

### Power

Operating Voltage: 12V DC  
Current Draw: < 2,000mA

**Note:** Face verification is possible even when a person is wearing a protective mask but it is not as reliable as using the palm biometric.