



# Face Reader

## An overview



A new highly accurate facial recognition solution that integrates with MSite access control to allow contactless access to site.

### Benefits:

- Fully contactless solution, reducing the spread of COVID-19.
- Automatically blocks site access if operatives don't have the correct permissions.
- Anti-spoofing solution, preventing spoofing using photography or 3D printed masks.
- Highly accurate biometric capture rate.
- Self-configuration and ability to easily enrol operatives directly from MSite system.
- Infrared sensors can authenticate faces in poor lighting conditions.
- With IP65 rating, device is dust proof, waterproof and easy to maintain.
- Data is secure and encrypted, ensuring full GDPR compliance.

### Features

- Infrared and visual facial recognition with deep learning algorithms to achieve exceptional authentication accuracy.
- Integrates with MSite access control.
- 7" LCD display screen provides operatives with an intuitive facial recognition walkthrough.
- Access control data can be easily exported for site or group level reporting.
- Both visual and infrared facial recognition, ensuring highly accurate facial authentication.
- Optional temperature check. To automatically restrict site access if skin temperature is too high.

### Limitations of MSite Face Reader & Temperature Screening

- MSite Contact Tracing and Social Distancing reporting not compatible with solution.
- Unable to show reasons for denial of access to end user on facial device.

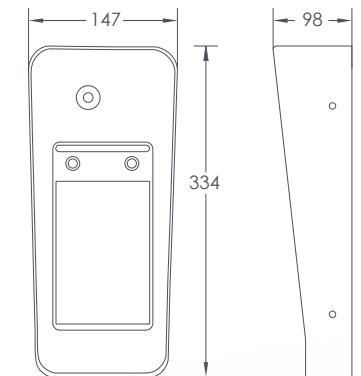
The MSite facial recognition solution can be used in conjunction with MSite Temperature Screening or as a standalone solution. Read about MSite Temperature Screening screening [here](#).

# MSite Face Reader

## Technical specification

- Contactless, Biometric authentication of worker identity
- LCD screen to display guidance to workers
- Seamlessly integrated with MSite access control, automatically blocking site access for unauthorised workers
- Can be retrofitted to existing MSite access control installations
- Combines infrared and visible light imaging technology with deep learning algorithms to achieve highly accurate biometric capture and anti-spoofing in sub-optimal lighting conditions
- No specialist enrolment equipment required – face images can be captured on a standard webcam or via the MSite Supervisor app

<b>Recognition Distance</b> 0.5m – 1.3m	<b>Recognition Height</b> 140cm – 190cm	<b>Operating temperature</b> -20°C – 50°C
<b>Operating Humidity</b> 0% – 80%, non-condensing	<b>LCD Resolution</b> 800 x 1280 pixels	<b>Matching Speed</b> Less than 0.5 sec
<b>Max. User (1: N)</b> 50,000	<b>Interface</b> TCP/IP	<b>IP Rating</b> IP65
<b>Anti-spoofing</b> Supported	<b>Maximum Dimension (W x H x D)</b> 147mm x 334mm x 98mm	



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