

# Covid-19 Solutions



## AI-based intelligent solutions for the New Normal

Whilst the number of people being tested positive for COVID-19 has reduced, social distancing rules and other safety requirements will have to remain in place for some time to come.

Unfortunately, the cost of employing additional staff to control the number of people on-premises or check that masks are being worn can be prohibitive for many businesses. The good news is that there are simple solutions readily available which can be quickly deployed and will prove to be far more cost-effective and accurate than employing someone to do the same job.

### Highlights

#### Face Mask Detection Application

- Detect individuals not wearing or incorrectly wearing a face mask on premises
- Control adherence to health & safety requirements
- Audio messages can be delivered automatically to staff/visitors requesting them to wear a mask
- Highly accurate mask detection solution, not affected by hat, glasses or head scarf
- Simple to set up and use
- Cost-effective solution, no server required, flexible and scalable

#### Social Distance Measuring Application

- Measure the distance between people in a camera's field of view
- Raise an alert when social distancing rules are not being followed
- Highly accurate, based on AI Deep Learning
- Raise an alarm when the number of people in a specified area exceeds the pre-set limit
- Works with any Wisenet camera

#### Occupancy Monitoring Application

- Control the number of people on premises, from stores to buildings and waiting rooms
- Help comply with social distancing rules
- Give customers a clear message instructing them to enter or wait
- Supports multiple entrances and exits
- Highly accurate people counting solution
- Easy to set up, serverless yet scalable

## Face Mask Detection Application

Helping businesses to enforce health & safety measures

### Features

- Edge-based mask detection of all types and sizes
- Simultaneously detects multiple people
- Wisenet Wave Integration
- Supports the camera's Audio output
- Digital zoom-in function for cameras with fixed lenses
- Camera output signal on alarm (Alarm Out)
- Recording of alarm images to an SD Card or FTP



## Social Distance Measuring Application

Helping ensure a safe distance between people is being respected

### Features:

- Served-based application
- Suitable for internal as well as external environments
- Wisenet Wave VMS integration
- Optional dashboard for collecting and aggregating data which can be visualised through charts and tables.

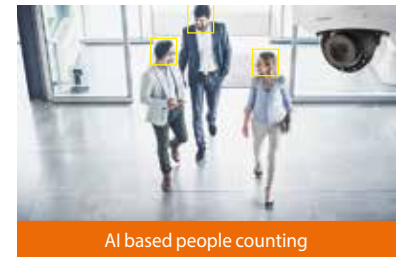
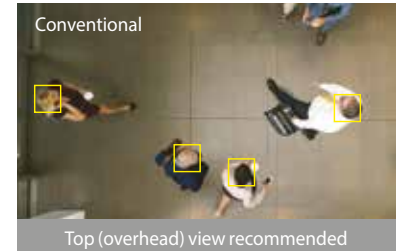
## Occupancy Monitoring Application

Helping businesses to comply with social distancing rules

### Features

- Edge-based people counting video analytics with Deep Learning AI
- Aggregate data from multiple cameras. No server required!
- Alarm output to other devices such as automatic door or traffic light beacon
- Customisable messages and scrolling text – in any language
- Additional licence-free AI-based video analytics and sound classification alarms
- Compatible with the Wisenet Retail Insight solution
- Can work with any monitor
- ONVIF compliant camera
- Application Programming Interface (API)
- HTTP command for integrations
- Automatic scheduled reset
- Easy installation with camera modular design
- DC output for connected devices
- Camera is NDAA compliant

### No need for "top-view" mounting



### Customisable interface

