



VIA Intelligent Automotive Solutions

VIA Mobile360 FSS Forklift Safety System

2PD Package



Prevent Pedestrian
Accidents



Boost Operator
Attentiveness



Reduce Operational
Costs



Easy to install and
operate

VIA Mobile360 M500 System



Prevent pedestrian accidents and boost operator attentiveness in busy warehouse and industrial environments with the VIA Mobile360 FSS 2PD Package. Featuring front and rear people detection cameras, this smart and reliable IP67-rated forklift safety system warns the operator whenever someone steps within a hazardous range of their vehicle. To ensure that the operator remains focused while behind the wheel, the system also comes with a DSS (Driver Safety System) that issues an alert whenever it detects fatigue, smoking, and phone usage.

The VIA Mobile360 FSS 2PD Package comprises front and rear people detection cameras, a driver camera for the DSS, and a high-quality speaker for audio alerts in its basic configuration. Additional options include a 7" CVBS display, a 4G modem, a Speed and Reverse Light Sensor Kit, a seatbelt sensor, and a 36V – 100V DC-DC power converter for electric-powered forklifts.

The optional VIA WorkX Connect Cloud Management Service enables you to further boost the safety and efficiency of your operations by tapping into a wealth of critical real-time operator behavior, incident alert, and vehicle location and usage data captured by the system in a single user-friendly dashboard.



PD Camera



DSS Camera



7" Display Panel



EV Power Converter



Speed & Reverse Light
Sensor Kit



Prevent Pedestrian Accidents

The system prevents pedestrian accidents by alerting the forklift operator whenever its front and rear people detection cameras detect someone stepping too close to their vehicle. It supports a detection zone of between 60° – 120° depending on the required detection sensitivity of the cameras and covers an area of between four and five meters subject to the camera installation height. The detection area can be configured with either a single zone (critical) or two zones (warning and critical) using the VIA WorkX smartphone app.



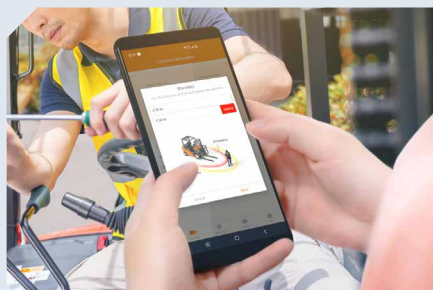
Boost Operator Attentiveness

The DSS ensures the operator remains focused while behind the wheel by alerting them whenever it detects signs of fatigue, smartphone usage, and smoking through the driver camera.



Reduce Operational Costs

By preventing pedestrian collisions and increasing driver attentiveness, the system enables you to minimize insurance, legal, and healthcare fees as well as losses from disruptions and damage caused by accidents.



Easy to Install and Operate

The practical and robust design of the system makes it easy to install and operate. The VIA WorkX app can be used to calibrate the cameras, configure the DSS, view and download recorded videos, adjust system settings, and upgrade the system firmware.

The VIA Mobile360 FSS 2PD Package is available in the following configurations:

Basic Package

Standard

- VIA Mobile360 M500 System
- Front & Rear People Detection Cameras
- Driver Safety System Camera
- Wi-Fi Connectivity
- VIA WorkX Smartphone App

Options

- 4G Modem
- VIA WorkX Connect Cloud Management Service
- EV Power Converter
- Seatbelt Sensor

Vision Package

Standard

- VIA Mobile360 M500 System
- Front & Rear People Detection Cameras
- Driver Safety System Camera
- Wi-Fi Connectivity
- VIA WorkX Smartphone App
- 7" CVBS Display Panel

Options

- 4G Modem
- VIA WorkX Connect Cloud Management Service
- EV Power Converter
- Seatbelt Sensor

Vision+ Package

Standard

- VIA Mobile360 M500 System
- Front & Rear People Detection Cameras
- Driver Safety System Camera
- Wi-Fi Connectivity
- VIA WorkX Smartphone App
- 7" CVBS Display Panel
- Speed and Reverse Light Sensor Kit

Options

- 4G Modem
- VIA WorkX Connect Cloud Management Service
- EV Power Converter
- Seatbelt Sensor