# AI Forklift CCTV Solution

**Model Number: SE-04-003**

Person
Detected

## Product Description

Enhance forklift safety and efficiency with the AI Forklift CCTV Camera Solution, a state-of-the-art system designed for modern industrial operations.

**Advanced Camera Coverage:** 4 intelligent front and rear cameras with 110° front and 130° rear views, eliminating blind spots and enhancing visibility.

**AI-Enabled DVR with HD Display:** A 10.1" waterproof touchscreen display provides clear visuals in any condition, while built-in storage ensures extended recording capacity for incident reviews.

**AI-powered Blind Spot Detection:** It identifies pedestrians and vehicles, providing real-time alerts to reduce collision risks.

**Heavy Duty AV Cables:** Equipped with robust, durable AV cables for secure and reliable camera connections, ensuring high performance in tough conditions.

## Intelligent Front & Rear Camera (Wired)

**Model NO: SE-04-003/IFC & SE-04-003/IRC**

The Intelligent Front & Rear Camera (Wired) system is an advanced solution designed to enhance safety and visibility for vehicles operating in challenging environments. With 1080P high-definition clarity, IP69K-rated waterproofing, and a robust anti-vibration design.



## Key Features

**Enhanced Durability:** Built to withstand extreme temperatures (-20°C to 70°C) and high humidity (RH 95% MAX).

**Wide Viewing Angle:** 110-130° lens ensures comprehensive coverage of the surroundings.

**Smart Day/Night Adjustment:** Automatically adapts to varying light conditions for clear imaging.

**Anti-vibration Design:** Ensures stability and reliability in rugged environments.

**Integrated Microphone:** Enables audio capture for enhanced monitoring.

# Key Specifications

## Camera Specifications

| | |
|---|---|
| Image Sensor | 1/2.9" CMOS |
| Resolution | 1920(H) x 1080(V) (1080P) |
| Frame Rate | 25fps/30fps |
| Lens | f = 3.6mm, 110° viewing angle |
| Minimum Illumination | 0.1 Lux (day), 0 Lux (with IR) |

## Night Vision

| | |
|---|---|
| Distance | 1/2.9" CMOS |
| Infrared Lights | 1920(H) x 1080(V) (1080P) |

## Video Output

| |
|---|
| 1.0Vp-p, 75 Ohm |

## Electrical & Connection

| | |
|---|---|
| Power Supply | DC 12V |
| Current Consumption | Max. 220mA |
| Connection | 4 PIN |

## Environmental Ratings

| | |
|---|---|
| Waterproof | IP69K |
| Operating Temperature | -20°C to 70°C |
| Humidity | RH 95% MAX |

## Additional Specifications

| | |
|---|---|
| Shutter Speed | 1/30(1/25)~1/50,000 Seconds |
| Dynamic Range | Auto |
| White Balance | Auto |
| Backlight Compensation (BLC) | Auto |
| Anti-vibration | Yes |
| Built-in Microphone | Yes |

# AI DVR Display (10" 4CH)

### Model: SE-04-003/DD

The AI DVR Display is a cutting-edge 10-inch quad-view monitor with advanced AI capabilities, designed to enhance vehicle safety and surveillance. With real-time pedestrian detection, multiple display modes, and robust storage options.

# Key Features

**AI-Powered Pedestrian Detection:** BSD algorithm detects pedestrians in real-time to minimize blind spot accidents.

**Quad-View Display:** Supports split-screen monitoring for up to 4 HD cameras.

**Touchscreen Interface:** Capacitive screen with gesture support and intuitive menu navigation.

**Robust Storage:** Supports 2 micro SD cards (512GB each) and 1 SSD (2TB).

**Remote Access:** Built-in WLAN for configuration and live view via web interface.

# Specifications

### Additional Specifications

| | |
|---|---|
| Display | 10.1" HD LCD, 1024x600 resolution, brightness 650 cd/m² |
| Viewing Angle | U: 85° / D: 85°, R/L: 85° |
| Video Input | 4 channels, supports 1080P30, 1080P25, 720P30, 720P25, PAL, NTSC |
| Contrast Ratio | 700:1 |
| Audio Input | 4 channels |
| Trigger Inputs | 5, with adjustable delay and priority |
| Storage | 2×Micro SD (512GB each) + 1×SSD (2TB) |
| Power Supply | DC 10V-32V with short circuit protection |
| Power Consumption | Max 30W |
| Operating Temperature | -20°C to +70°C, RH 90% |
| Storage Temperature | -30°C to +80°C, RH 90% |
| Split-Screen Display | Yes |
| Speaker | 1.5W built-in |