


# System Specifications

## Monitor

**Screen Size**: 7-inch IPS
**Resolution**: 1024 × 600 (RGB)
**Viewing Angle**: Left/Right: 85° / Up/Down: 85°
**Video Input**: 4-channel AHD 1080p / 720p
**Video Recording**: 1920 × 1080p at 25 FPS per channel
**Storage**: 256 GB high-endurance microSD included, 512 GB upgrade available (80 MB/s minimum)
**Power Input**: DC 8 to 32V, maximum 5W
**Operating Temperature**: −20°C to +70°C
**Storage Temperature**: −30°C to +80°C
**Dimensions (L × W × T)**: 218 × 149 × 82 mm (bracket and sunshade included)
**Audio**: Built-in microphone and speaker
**Video System**: PAL / NTSC
**AI Detection**: Person, vehicle and object detection with configurable green, yellow, and red alert zones
**Screen Modes**: Single, dual, triple, or quad display

## Cameras

**Camera Type**: AI-compatible AHD 1080p vehicle camera
**Image Sensor**: 1/2.9" CMOS
**Resolution**: 1920 × 1080
**Minimum Illumination**: 0 lux (with built-in infrared enabled)
**IR-CUT**: Automatic day / night switching
**Viewing Angle**: 130°
**Dust & Water Protection**: IP69K
**Mechanical Impact Resistance**: IK06 (1 joule)
**Camera Operating Temperature**: −20°C to +60°C
**Storage Temperature**: −30°C to +80°C
**Operating Voltage**: DC 12V / 5W

## System

**Kit Contents**: 4 AI cameras, 7-inch monitor, external flashing beacon, and complete installation kit
**Operating Voltage**: 8 to 32 VDC (full system)
**Detection Range**: 0 to 5 meters (configurable by camera and zone)
**Recording Format**: H.264 TS, four simultaneous channels

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