



Intelligent Entrance ANPR Camera

Quick Start Guide

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Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 Note	Provides additional information to emphasize or supplement important points of the main text.
 Caution	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
 Danger	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.

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Chapter 1 Product Introduction

1.1 Introduction

Intelligent Entrance ANPR Camera (hereinafter referred to as device) integrates multiple functions including video collection, smart video compression, network transmission, etc. It can be used with other devices (vehicle detector or barrier gate) to realize vehicle management and control, light supplement, capture, etc.

It can be widely applied in normal entrance and exit, toll station, and entrance and exit of underground parking lot.

1.2 Key Features

- Discreet monitoring enabled by low-profile presence.
- 1/1.8" progressive scan Global shutter CMOS.
- GMOS uses global shutter technology to guarantee superb imaging quality and high recognition rate in heavy rain or low illumination scenes.
- Efficient access control with adaptable recognition ranges.
- High resolution with real-time video.
- Built-in 9 strobe lights, able to suppress vehicle headlights.
- Built-in temperature and humidity sensor and self-heating glass to prevent fogging.
- Opening door alarm.
- Supports relay output to control vehicle barrier gate.
- Wiegand interface supports video intercom/access control access.
- Supports loop triggering, radar triggering, and video triggering.
- Supports offline control of barrier gate under allowlist mode.
- Adopts entrance and exit dedicated exposure algorithm to adapt to the front/back light and inconsistent front and rear license plates scenes to improve LPR accuracy.
- Equipped with vehicles passing detection algorithm to realize auto switch of barrier gate normally open mode during continuous vehicles passing to improve passing efficiency.
- Lasting durability against vandalism through sturdy casing.
- Electrophoretic coating and stainless steel base for corrosion resistance.
- Effortless installation utilizing ground-mounted design.

1.3 Overview

The device overview is shown as below.

 Note

The device appearance may vary with device model. Please refer to the actual device.

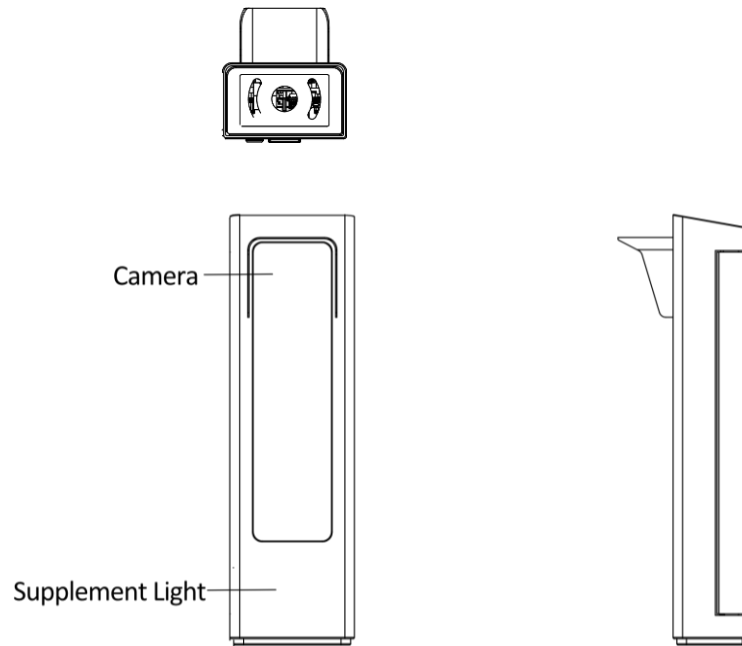


Figure 1-1 Device Overview

Chapter 2 Installation

When you receive the product, check whether there is obvious damage on the product package and its appearance first. Then open the package and check whether all the accessories are included. If something loses, contact us or our supplier.

2.1 Lay Cables

Lay the cables that need to be connected, including the network cable, power cord, etc.



Caution

Please check the power supply voltage, to prevent any device damage caused by inconsistent voltage levels.

2.2 Install Device

Install the device at a suitable site according to the following steps.

Before you start:

Cut off the power supply of the device.

Step 1 Drill holes on the device base according to the drill template.

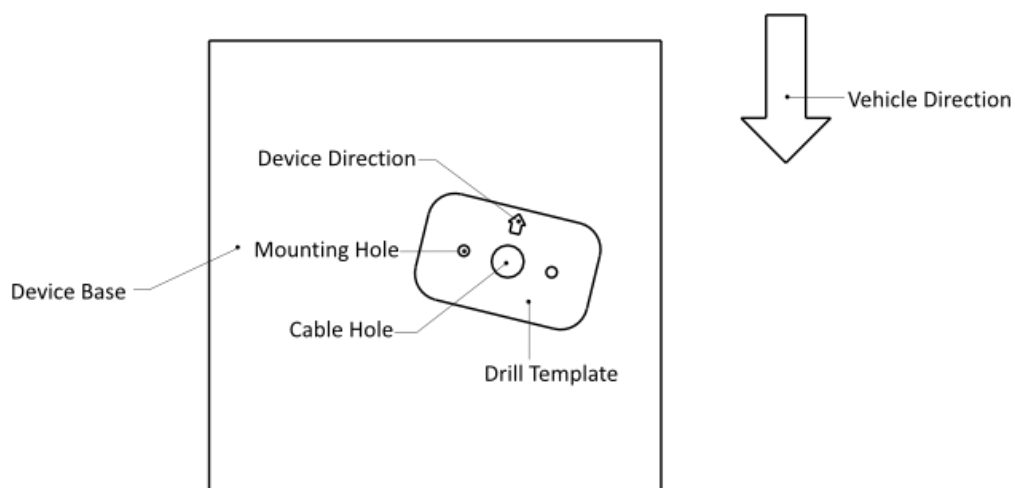


Figure 2-1 Drill Holes



Note

Pay attention to the device direction during installation.

Step 2 Insert 2 M10 expansion bolts into the mounting holes, and the bolts should be 40 mm higher than the ground.

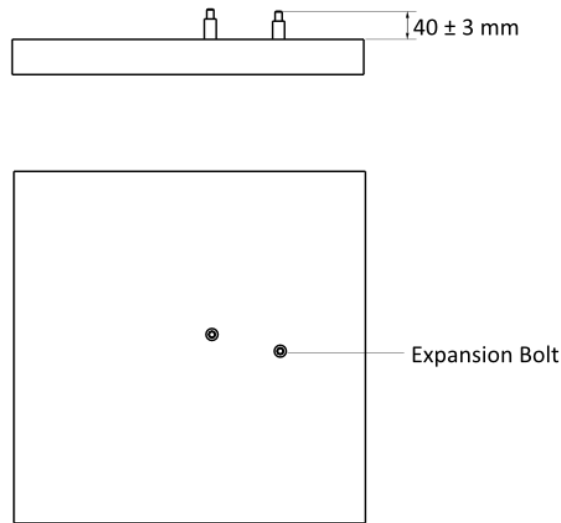


Figure 2-2 Insert Expansion Bolts

Step 3 Open the back cover of the device, place the device to the positions of expansion bolts, and rotate it to the appropriate direction.

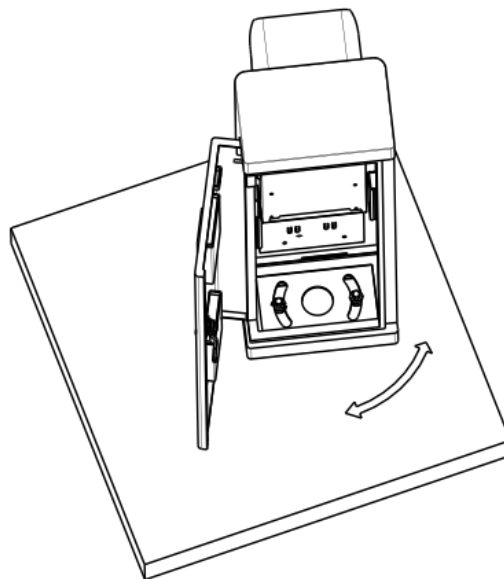


Figure 2-1 Install Device

Step 4 Loosen the wing nut on the camera component to adjust the pan and tilt angle of the camera, and tighten the nut after adjustment.

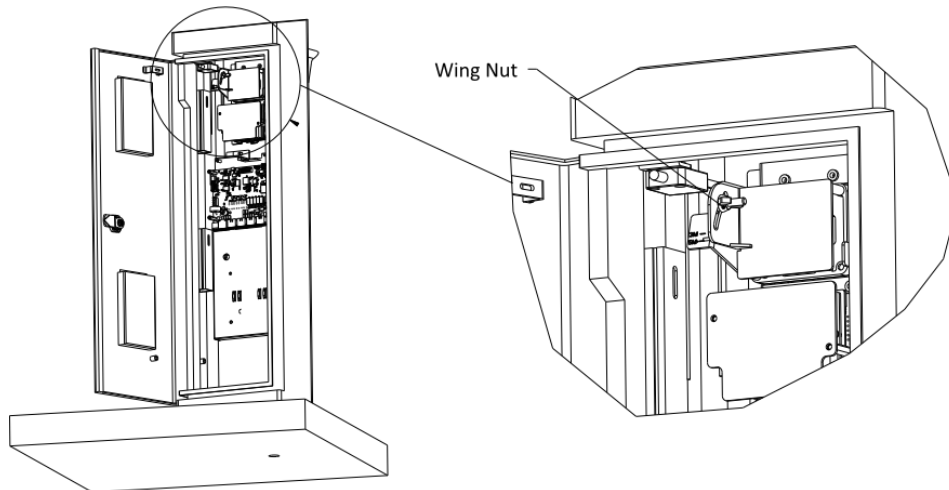


Figure 2-2 Adjust Camera Angle

Step 5 Fix the device with two nuts. Connect the cables, and then close the back cover and lock the key.

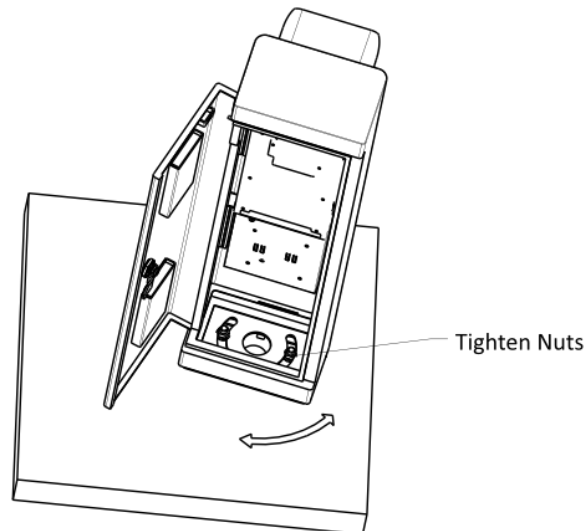


Figure 2-5 Fix Device

2.3 Power On

The cables should be well laid out and connected for normal device usage. Power on the device after the device is installed correctly.

Note

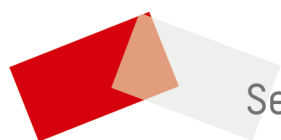
If the device fails to power on, check if the cables are connected correctly. If the cables are connected correctly, troubleshoot the cable arrangement.

Chapter 3 Detailed Configuration

Scan the QR code below to get the user manual for detailed configuration.



Figure 3-1 User Manual QR Code



See Far, Go Further