



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.

Chapter 1 Introduction

1.1 Product Introduction

Intelligent Entrance ANPR Camera (hereinafter referred to as "device") consists of an ANPR camera, a display screen, and a voice module. It supports license plate capture at entrances and exits, and provides message prompts and voice prompts.

1.2 Features

- Integrated capture and display. Capture results are displayed in real time.
- 2 MP high-definition camera. Resolution: 1920 × 1200; frame rate: 25 fps.
- All-in-one design. Integrates dual LED supplement lights, camera module, shield, lens, and power adapter into a single device.
- Supports software auto-focus. Using a 3.1 to 6 mm electric zoom lens for convenient debugging and strong scene adaptability.
- Supports multiple trigger modes, including coil trigger, video trigger, radar trigger, coil combined with video trigger, etc.
- Supports multi-language display, including Thai, Vietnamese, and English.
- Built-in voice module supports pre-recorded voice prompt via ANPR camera.

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 is lost, contact us or our supplier.

2.1 Before Installation

2.1.1 Installation Environment

- Install the device using the provided vertical pole on a horizontal ground or refuge island.
- The installation position should be 4 to 5 m away from the license plate capture position, ensuring no obstructions in the scene.

2.1.2 Lay Cables

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



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.



Be sure to fix the device firmly in the installation position, and make safety precautions if necessary. Check regularly. Device falling may cause serious personal injury or death.

Step 1 Fix the vertical pole.

- 1) Drill holes at the installation position according to the fixing holes on the bottom of the pole, with the 2 cable holes at the lower part of the pole facing backward.
- 2) Insert 3 M8 × 80 expansions screws into the drilled holes, and tighten the nuts to secure the expansion screws in place, and then unscrew the nuts.
- 3) Align the fixing holes on the bottom of the pole with the embedded expansion screws.

- 4) Install the 2 flat washers (larger first, then smaller) and spring washers in sequence, and tighten the nuts to secure the vertical pole.

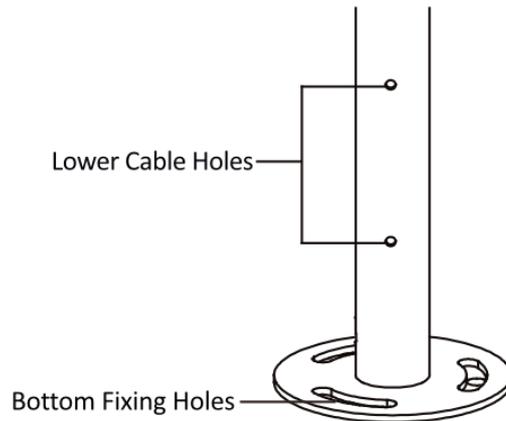


Figure 2-1 Fix Vertical Pole

Step 2 Adjust the camera lens vertically to the lowest position, and tighten the 2 screws between the camera and the upper part of the universal joint (do not tighten other screws) to prevent device from shaking during installation.

Step 3 Fix the display screen.

- 1) Align the screw holes at the bottom of the display screen with the screw holes at the top of the pole.
- 2) Insert 4 M6 screws and tighten them to secure the display screen.

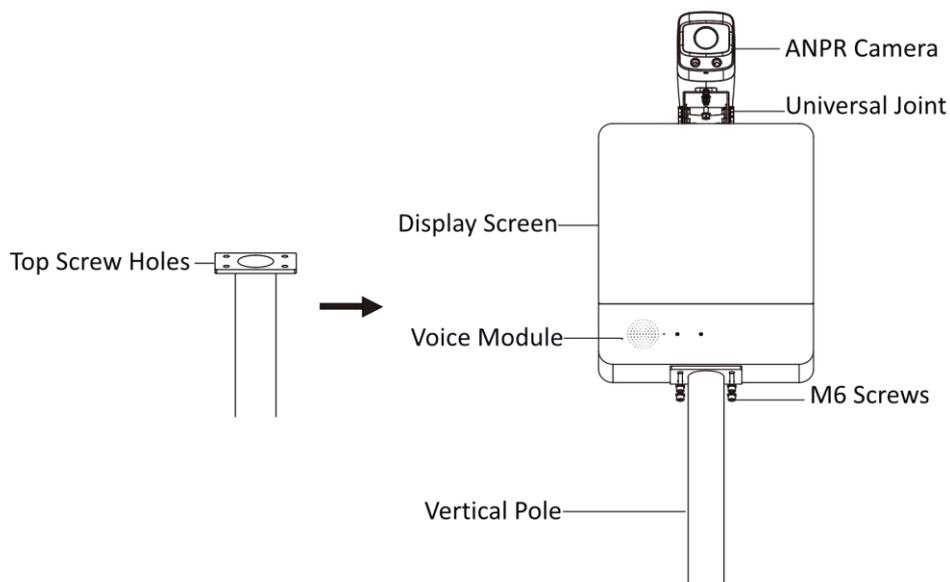


Figure 2-2 Fix Display Screen

Step 4 Adjust the ANPR camera shooting angle.

- 1) Loosen (do not remove) the bottom screws of the universal joint, and then rotate the camera lens to the desired direction.
- 2) Tighten the bottom screws.
- 3) Loosen the screws on both sides of the universal joint, and adjust the camera lens vertically to the desired angle.
- 4) Tighten all screws.

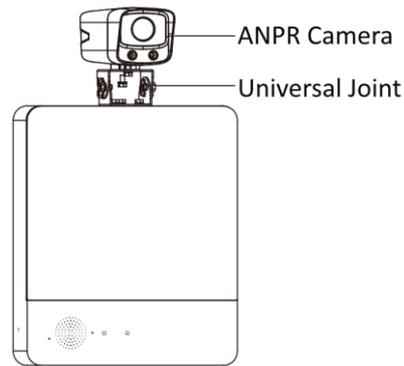


Figure 2-3 Adjust ANPR Camera Angle

2.3 Wiring

After the device is installed correctly, perform the wiring according to the following steps.

Before you start

Cut off the power supply before wiring.

- Step 1 Open the back cover of the display screen, and route the supplement light cables through the pole and into the display screen interface.

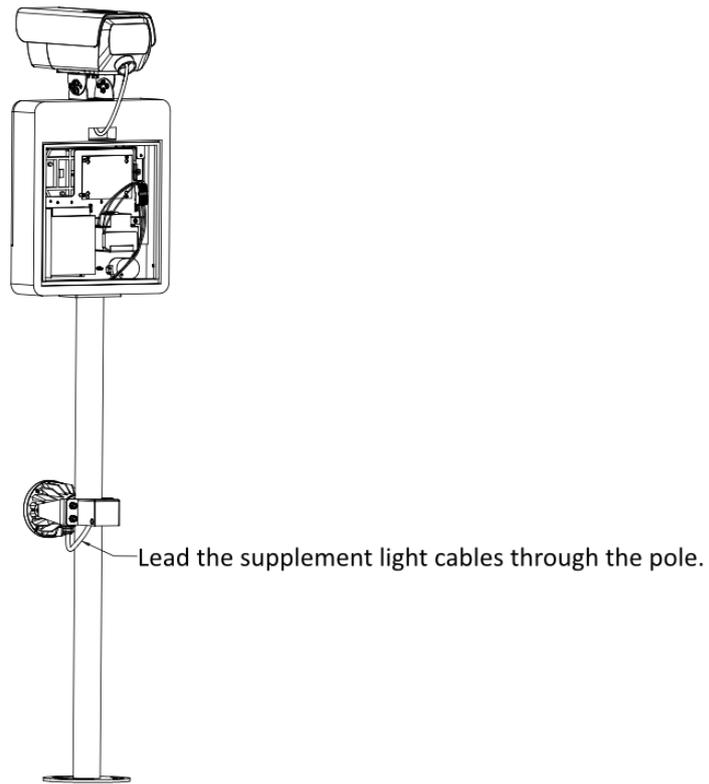
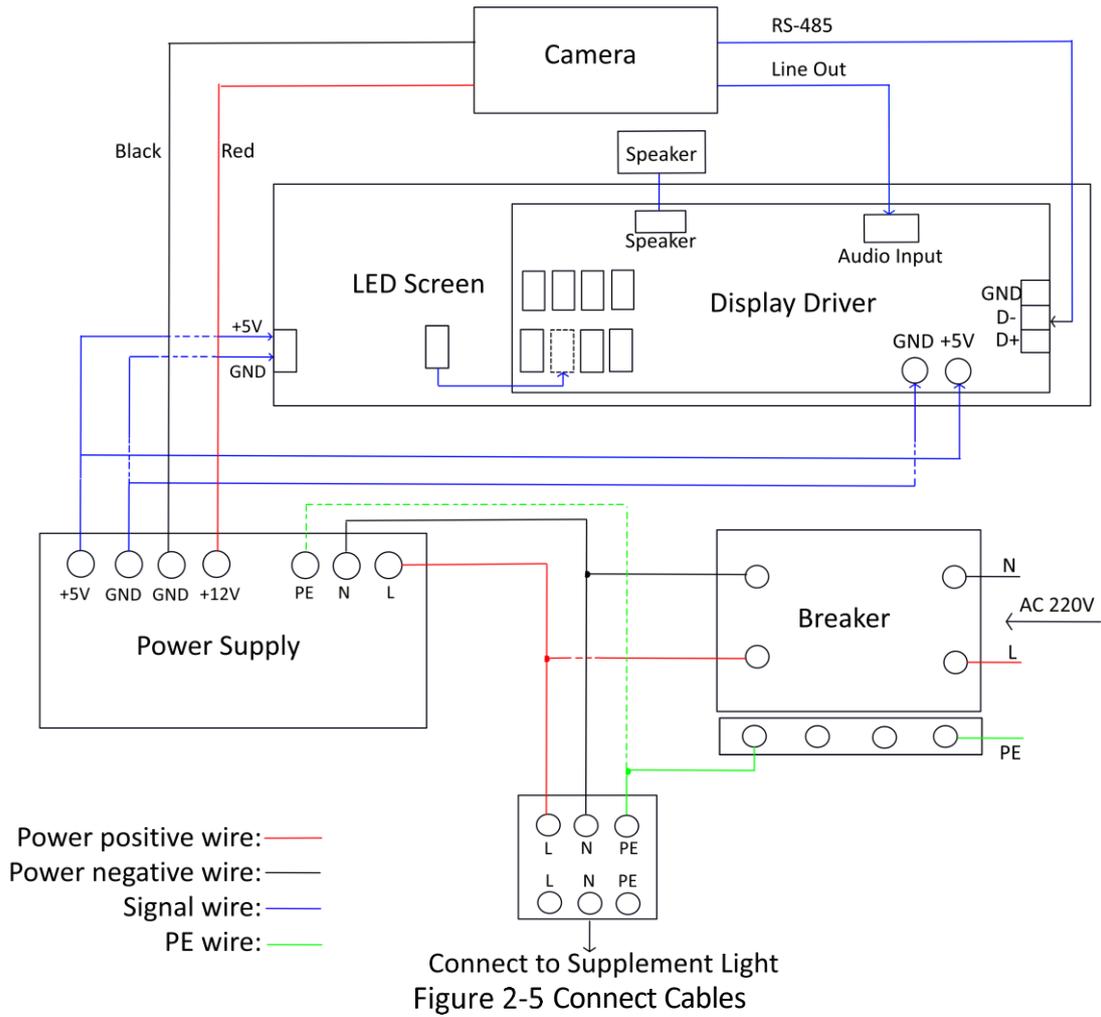


Figure 2-4 Lead Supplement Light Cables

Step 2 Connect the cables according to the figure below.



2.4 Start Up

After the installation and wiring is completed correctly, connect the power supply and start it up.

Note

If the device cannot start up normally, check if the cable connection is normal. If the problem persists, troubleshoot the cable wiring, etc.

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

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