



UTC Fire & Security

A United Technologies Company

UltraView IP XP3 Box Day/Night Range Camera Quick Start Guide

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Introduction

The UltraView IP XP3 box day/night range camera uses a digital signal processor (DSP) to process video signals. The video camera includes a microcontroller to provide high-quality images with high-color reproduction and sharp pictures.

Product codes:

- UVC-IP-XP3DN-HR
- UVC-IP-XP3DN-HR-P

Package contents

The camera is shipped with the following items:

- The camera assembly
- 1 channel passive video transceiver
- AC power wiring harness
- 150 mm DC jack to terminal adapter

Installation environment

Refer to the user manual for detailed information, but observe these important requirements:

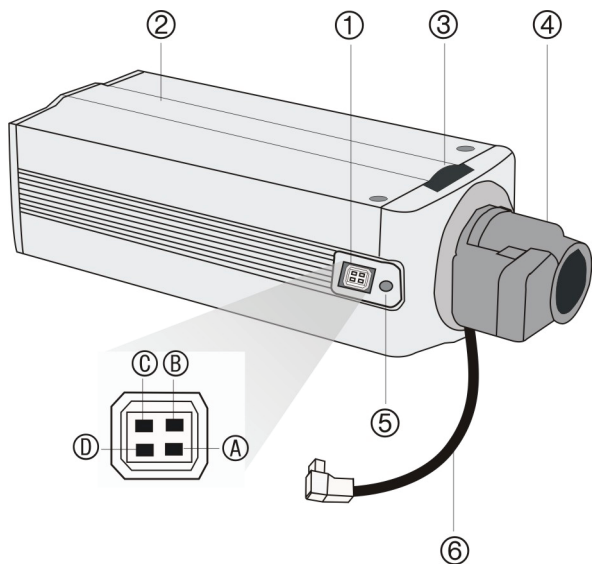
- Place the camera in a secure location.
- Ensure that the camera is in a well-ventilated area.
- Do not expose the camera to rain or moisture.

Cable requirements

Cable type	Requirements
Video	75 ohm RS-59 coaxial cable with BNC ends
Power	24 VAC cable

Camera description

Figure 1: Side view of box camera



1. Auto iris lens connector

Video-type auto iris lens connection:

A. Video (white); B. Power;
C. NC; D. GND (black)

DC-type auto iris lens connection:

A. Driving coil (+); B. Damping coil (+);
C. Damping coil (-);
D. Driving coil (-)

2. Camera

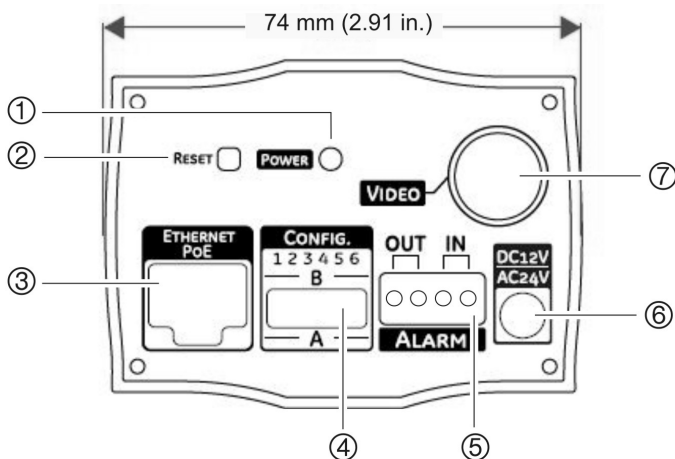
3. Backfocus adjustment

4. Lens (auto iris lens shown. Manual lens has no cable.)
Not included

5. Backfocus lock screw

6. Auto iris lens cable. Not included

Connecting the devices

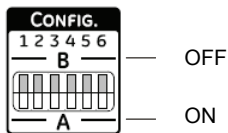


1. Power LED.
2. Reset button.
Press to reset camera to factory default settings.
3. Ethernet RJ45 port.
Connect to network devices.
4. DIP switches.
Configure camera settings.
5. Alarm input and output.
Connect to be able to trigger an alarm at the network device.
6. Power supply.
Connect 12 VDC or 24 VDC power supply.
7. Video output.
Connect to a CCTV monitor

Setting the DIP switches

You can set up six camera functions using the DIP switch bank on the rear of the camera. Figure 2 on page 6 shows the DIP switch layout. For detailed descriptions on the functions of the DIP switch settings, please refer to the user manual.

Figure 2: DIP switch layout (rear of camera)



Switch	Description
1.	White balance ON: ATW mode; OFF: PTL mode
2.	Backlight compensation ON: BLC on; OFF: BLC off
3.	AI/AE exposure ON: Auto exposure (AE) mode; OFF: Auto iris (AI) mode
4.	Day/Night setting ON: Black and white mode; OFF: Auto Day/Night mode
5.	High/Normal Resolution ON: High resolution; OFF: Normal resolution
6.	Flickerless control ON: Flickerless enabled; OFF: Normal

Accessing the camera over the internet

The camera can be configured using an internet browser such as Microsoft Internet Explorer (IE).

For detailed descriptions on the functions of the DIP switch settings, please refer to the user manual.

To access the camera online:

1. Configure your host PC/laptop within the same subnet as the camera's default IP address, for example: 10.1.2.10.

2. In the Web browser enter the camera's default fixed IP address 10.1.2.11. The login dialog box appears.
3. Enter the username and password:
Login: *admin*
Password: *admin*
4. Click **OK**. The UltraView box camera's home page appears.

Overview of the Web browser window

Use the menu toolbar on the top of every screen to access the various screens for monitoring and configuring the camera. There are five options:

- **Home:** Return to the home page.
- **Live view:** View images in live mode.
- **Monitoring:** Display information on the health of the device, system configuration, video ports and network interfaces.
- **Administration:** Define the network parameters, access rights and video formats.
- **Restart:** Restart the device. This is required, for example, to reboot the system for changes to be implemented. However, if the network connection is lost as a result of the configuration changes made, you must reconfigure the camera by pressing the Reset button on the rear of the camera. The settings return to factory default.

For detailed descriptions on the functions, please refer to the user manual.

Specifications

Operating temperature	-30 to +50 °C (-22 to +122 °F)
Dimensions (W × H × D)	75 × 53 × 168 mm (2.93 × 2.1 × 6.6 inches)
Weight	690 g (21.5 oz.)
Power consumption	6 W (12 VDC); 5.5 W (12 VDC); 5.5 W (PoE)
Power supply	24 VAC ±10% / 12 VDC ±10%, PoE
