



TVC-5120-1 Box Camera Pocket Guide

Overview

This is the pocket guide for TVC-5120-1-P / TVC-5120-1-N Box Camera. It is used indoors. However, if installed in a housing, it can be used outdoors. The guide describes a standard installation.

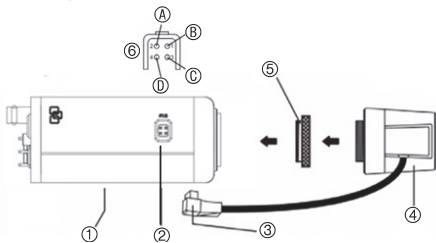
The camera consists of the following:

- Camera body
- CCD protection cap
- Spare lens connector (male)

Refer to the figures in the front of the guide when performing the camera setup procedures.

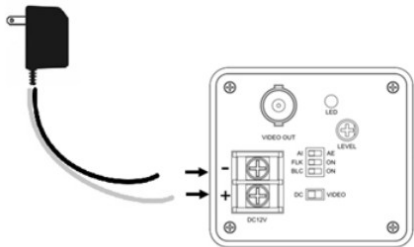
Note: Check the package and contents for visible damage. If any components are damaged or missing, do not attempt to use the unit, contact the supplier immediately. If the unit must be returned, it must be shipped back in its original packaging.

1: Setting the lens mode



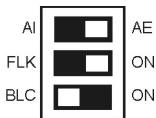
1. Camera
 2. Autoiris lens connector
 3. Autoiris lens plug
 4. Lens (Autoiris lens shown. Manual lens has no cable)
 5. C-mount adaptor
 6. DC-type autoiris lens leads: Damping coil positive (A) and negative (B), Driving coil positive (C) and negative (D)
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2: Connecting power

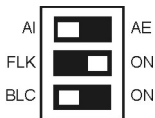


3: Recommend DIP switch settings

Fixed lens:



DC iris lens:



Installation

To install the camera:

1. Connect a coaxial cable terminated with BNC connectors between the VIDEO OUT connector of the camera and the video in connector on a monitor, multiplexer, switcher, or other standard video device.
2. To attach the lens, please refer to the instructions that came with the lens. See Figure 1 on page 1 for guidance.

Note: If you are using a C-mount lens, screw on the provided C-mount adapter. For optimal performance, use an auto iris lens.

3. To connect power, loosen the DC12V and GND terminal screws on the terminal block using a screwdriver. Connect a universal 12 VDC power supply to the terminal block. Retighten the terminal screws until snug, ensuring that the power leads are secure. Supply power to the unit by plugging the power supply into a proper source.

The power LED illuminates to show that the camera is receiving power. If it does not illuminate, check the terminal block connections and the power source

4. Set the DIP switches. See the table below and Figure 3 on page 3 for the recommended settings.

Item	Description	Remark
AI	Auto Iris	For autoiris lens only, the shutter is fixed 1/50 (PAL)
AE	Auto Electronic shutter	For fixed lens. As the iris is fixed, the camera automatically sets the optimum shutter speed.
FLK	Flickerless	Flickerless mode avoids interference from light sources (recommended for DC-iris lenses only).
BLC	Back Light Compensation	Selectively amplifies parts of the image to compensate for large contrast differences when only a portion of the image is brightly lit.

Specifications

Power supply	12 VDC
Current	85 mA
Power consumption	1 W max.
Operating temperature	-10 to +50 °C (14 to 122°F)
Storage temperature	-20 to 70 °C (-4 to +158°F)
Weight	305 g (0.67 lb.)
Dimensions (H × W × L)	56 x 50 x 125 mm (2.2 x 4.9 x 4.95 in.)

Contact information

For contact information, see www.interlogix.com or www.utcssecurityproducts.eu.

Regulatory information

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Manufacturer

UTC Fire & Security Americas Corporation, Inc.
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Authorized EU manufacturing representative:

UTC Fire & Security B.V.
Kelvinstraat 7, 6003 DH Weert, The Netherlands

FCC compliance

Class B: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

ACMA compliance

Notice! This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Canada

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-0330 du Canada.

Certification



European Union directives

12004/108/EC (EMC directive): Hereby, UTC Fire & Security declares that this device is in compliance with the essential requirements and other relevant provisions of Directive

2004/108/EC.



2002/96/EC (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info.
