

INNOV V™
Protein Tube (Slide Stop) and Reagent Tray On The Way

INNOV K6 Camera System
Reagent Tray (Reagent) and Slide

Product Overview

The INNOV K6 is a high-end microscope system with 2K+ 1080P which is specially designed for Microscopy and E-Beam. Equipped with industrial leading technology in the video recording area, the QHD video footage ensures that you will never miss a wonderful moment during your test. The small and durable Aluminum Alloy case ensures easy installation.

Product Features

- 1. Dual Camera with 2K@30FPS & 1080@60FPS
- 2. F2.2 aperture and OQC lens offering a good footage quality with less distortion.
- 3. Supports up to 1080P TF card.
- 4. A 1/2 inch video recording technology ensures a smaller video size, which helps you save more time.
- 5. The camera will be powered by an external power supply from the USB cable, which makes you less anxious about recording.
- 6. Easy installation thanks to its smart and light body.
- 7. 700F life, superior performance against water, dust and also excellent performance in high & low-temperature environments.

Brief Introduction

Product Function

- 1. **Recording Function:** Please go to the App and press **REC** to stop the recording.
- 2. **Testing Function:** Please go to the App and press **TEST** to start a video.
- 3. **Copy the Files:** Take out the TF card from the INNOV K6, connect the K6 to the PC, you can copy the videos to your computer easily.
- 4. **Factory Default Settings:** Restore the default settings by holding the button for more than 10 seconds when the camera is on, release the button the red light will flash, please notice that the red light will stop for a while before flashing. Flashing red light indicates that the factory default settings are done.
- 5. **Temperature Protection:** the power should be shut off due to during below steps:
 - Step 1: Close the firmware (BQ) to be the normal use.
 - Step 2: 1080P or 2K@30 FPS TF card should be formatted into FAT32 in advance.
 - Step 3: Insert the TF card into the DVR then turn on the camera by holding the button, the red light will flash at low light, release the button and wait for a few seconds for the updating finishes, the light will automatically turn on after the updating, and the firmware in the camera will be updated.

TF Card Instruction

- 1. You need to select a supported TF card for the K6 with a capacity from 8GB to 256GB. The TF card should have a writing speed higher than 10MB/s.
- 2. In order to get a successful playback, please connect INNOV K6 in your mobile phone first, then, format the TF card in the App settings.
- 3. Please insert the TF card and connect the Type-C connector to the DVR with the guidance of this manual to avoid any DVR or TF card damage.

Installation

TF Card & Connector Connection

- 1. Uncover the screws by a screw or hand.
- 2. Hold the DVR and pull out the Type-C connector, insert the TF card into the card slot, please refer to the picture.
- 3. Please connect the TF card to a standard position and the screw ring in placed correctly, then connect the Type-C connector to the DVR and the lighter screws. (Please properly and obviously tighten between both sides.)
- *Please note product between such as connecting holes or water leakage will be caused by improper TF card connection or unscrewed screw ring.

Power Supply Information

The INNOV K6 is designed to be powered by a standard external power supply with a USB-C, it requires the power supply cable to be INNOV-D02A-USA.
*Please keep the USB power cable, please make a phone and the standard USB power supplies are recommended, or arranged with one-year product protection, such as start-to-finish, short circuiting, or water damage to the cable.

Product Installation

*Please read the camera system by following the guidance below.

DVR Installation

Installation Position and Wiring Arrangement

- 1. To avoid cable leakage, please ensure enough length of cable in the front of the cable.
- 2. In order to get a better video effect, please go to the App preview interface while testing the system.

The USB connector is a standard one without any locking function, please ensure enough length for the USB cable to avoid any unexpected force to cause USB loosening.

Please make cable clips to fix the cable, which make the installation more and also avoid damages.

Rear Camera Installation

- 1. DVR front camera
- 2. DVR mount
- 3. Power base (not included)
- 4. Self-adhesive double-sided tape
- 5. Rear camera
- 6. Rear camera mount

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FCC Warning:

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. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.