Watec AVM-USB2 Functional Setting Controller Instruction Manual

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This operation manual covers safety and standard connection, for the AVM-USB2. First, we ask you to read this operation manual thoroughly, then connect and operate the AVM-USB2 as advised. In addition, for future reference, we also advise safekeeping of this manual.

Please contact the distributor or dealer from which the AVM-USB2 was purchased, if you do not understand the installation, operation or safety instructions laid out in this manual. Not understanding the contents of the operation manual sufficiently may cause damage to the camera.

Contents

Guide to the safety symbols

Symbols used in this operation manual:

⊘Danger **"Danger",** may lead to serious accident such as death or injury caused by fire or electric shock.

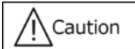⚠Warning **"Warning",** may cause severe damage such as a physical injury.

⚠Caution **"Caution",** may incur injury and cause damage to peripheral objects in the immediate surroundings.

Cautions for safety

The AVM-USB2 is designed to be used safely; however, electrical goods may lead to physical accident caused by fire and electric shock if not used correctly.
Therefore, please keep and read the "Cautions for safety" for protection against accidents.

- ⊘Danger Do not disassemble and/or modify the AVM-USB2.

- Do not operate the AVM-USB2 with wet hands.

- ⚠Warning **Power is supplied through the USB bus.**

  Connect the USB terminal to the PC correctly for power.

- **Do not expose the AVM-USB2 to wetness or high moisture conditions.**

  The AVM-USB2 is designed and approved for indoor use only.

  The AVM-USB2 is not water-resistance or waterproof. If the location of the camera is outdoors or in an outdoor

  like environment, we recommend that you use an outdoor camera housing.

- **Protect the AVM-USB2 from condensation.**

  Keep the AVM-USB2 dry at all times, during storage and operation.

- Should the AVM-USB2 not work properly, switch off the power immediately. Please check the camera according

  to the "Trouble shooting" section.

- ⚠Caution **Avoid the striking of hard objects or dropping the AVM-USB2.**

  The AVM-USB2 uses high quality electrical parts and precision components.

- **Do not move the AVM-USB2 with the cables connected.**

  Before moving the AVM-USB2, always remove the cable(s).

- **Avoid using the AVM-USB2 near any strong electro-magnetic field.**

  Avoid emission sources of electromagnetic waves when the AVM-USB2 is installed into main equipment

Problems and Trouble Shooting

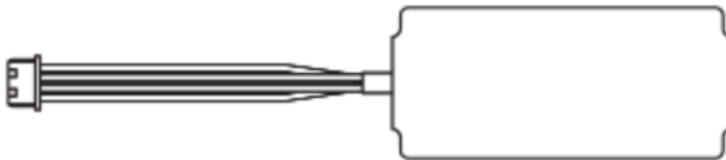**If any of the following problems occur when using the AVM-USB2,**

- Smoke or any unusual odor emerges from the AVM-USB2.
- An object becomes embedded or a quantity of liquid seeps into the AVM-USB2.
- More than the recommended voltage or/and amperage has been applied to the AVM-USB2 by mistake
- Anything unusual occurring to any equipment connected to the AVM-USB2.

Disconnect the camera immediately according to the following procedures:

1. Remove the cable from USB port of the PC.
2. Turn off the power supply to the camera.
3. Remove the camera cables connected to the camera.
4. Contact the distributor or dealer from which the AVM-USB2 was purchased.
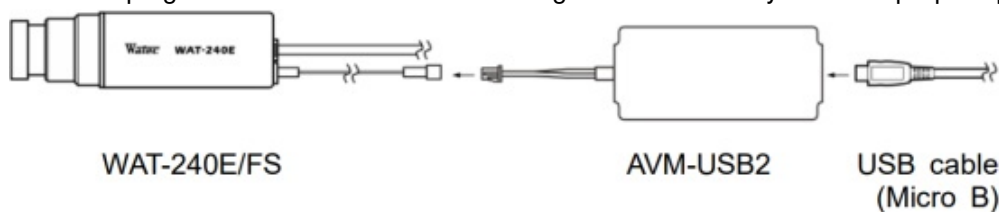
Contents

Check to make sure all parts are present before use.

Connection

Before connecting the cable to the camera and the AVM-USB2, please make sure that the pin configuration is correct. The wrong connection and usage may cause failure. The applicable cameras are WAT-240E/FS. See the connection sample as indicated below
Do not unplug the cables while communicating with a PC. It may cause improper operation of the camera.

WAT-240E/FS   AVM-USB2   USB cable
(Micro B)

Specifications

Model	AVM-USB2
Applicable models	WAT-240E/FS
Operating systems	Windows 7, Windows 8/8.1, Windows 10
USB standard	USB standard 1.1, 2.0, 3.0
Transfer mode	Full speed (Max. 12Mbps)
USB cable type	Micro B
Control software Device driver	Download available from the Watec website
Power Supply	DC+5V (Supplied by the USB bus)
Power Consumption	0.15W (30mA)
Operating Temperature	-10 – +50°C (Without condensation)
Operating Humidity	Less than 95% RH
Storage Temperature	-30 – +70°C (Without condensation)
Storage Humidity	Less than 95% RH
Size	94(W)×20(H)×7(D) (mm)
Weight	Approx. 7g

- Windows is a registered trademark of Microsoft Corporation in the United States, Japan and other countries.
- Design and specifications are subject to change without notice.
- Watec is not responsible for any inconvenience or the attendant damages to the video and monitoring recording equipment caused by misuse, mis-operation or improper wiring of our equipment.
- If for any reason the AVM-USB2 does not work properly, or if you have any questions regarding installation or operation, please contact the distributor or dealer from which it was purchased.

Contact information

Watec Watec Co., Ltd.
1430Z17-Y2000001
WWW.WATEC-CAMERA.CN
WWWW.WATEC.LTD

Documents / Resources

Watec AVM-USB2 Functional Setting Controller [pdf] Instruction Manual
AVM-USB2, AVM-USB2 Functional Setting Controller, Functional Setting Controller, Setting Controller, Controller

References

- [**User Manual**](#)