

Axiomet AX-B100 USB Video Inspection Camera

1. Safety instructions

Failure to follow the instructions listed below may result in electric shock or personal injury.

- Read and understand all instructions prior to any operation.
- Do not remove any labels from the tool.
- Keep the work area clean and well lit, cluttered and dark areas may cause accidents.
- Do not operate the tool with the presence of flammable/explosive gases.
- Do not use the product around corrosive chemicals, which can ruin the picture quality.
- Keep bystanders, children and visitors away while operating the tool.
- Stay alert, watch what you are doing and use common sense. A moment of inattention will result in serious personal injury.
- Do not overreach. Keep proper footing and balance all the time.
- Always wear protective eyewear. Dust mask, non-skid safety shoes, hard hat or hearing protection must be used for appropriate conditions.
- Do not place this product on any unstable cart or surface. The product may fall causing serious injury to a person or serious damage to the product.
- For safety please always keep the video inspection away from any kind of liquid. Liquid increases the risk of electrical shock and damage to the product.
- Do not use this device for personal or medical use.
- The unit is not shock-resistant. Do not use it as a hammer or drop it.



Electronic Components

Transfer Multisort Elektronik Sp. z o.o.

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2. Content



- 1 - The inspecting grip
- 2 - Magnetic tip
- 3 - Hook tip
- 4 - Mirror tip



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3. Product overview



- A - Camera protection
- B - Camera head
- C - Probe
- D - ON and OFF / lighting adjust wheel
- E - USB Cable

4. Operation Instructions

4.1. Accessories installation

- Accessories installation for camera head
12mm



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Hold the camera head .Slip the semicircle end of the accessory over the flats of camera head . Then rotate the accessory 90°to fix.

- Accessories installation for camera head

9mm

Install the accessories by screw thread. Please put on the thread protector if no need for accessories;And take off the protector when you need to install accessories.

4.2. Operation methods

4.3. Operation Precautions

- Please read the safety instructions carefully, choose desirable work area for fear causing danger.
- The probe is flexible to help you operate in hard-to-reach areas. Please don't insert or bend by force. Please do not over bend any part of the probe. Normally, the bending radius should more than 5cm to prevent from causing permanent damage to the probe.
- Don't use the probe or camera head to modify surroundings, clear pathways or clogged areas. It couldn't be used as a fishing rod or tape.
- The camera head and its cover are waterproof, but not acid-proof or fireproof. Don't touch with these materials or they will ruin the camera head's protective plastic. Avoid submersing the camera head into corrosive, oily places or high-temperature objects.
- Don't place the inspection into anything or anywhere that may contain a live electrical charge. Please check following methods to avoid injury.

For walls: For inspecting the inside walls, be sure to shut off the circuit breaker to the whole house before using the tool.

For pipes: If you suspect a metal pipe could contain an electrical charge, have a qualified electrician to check the pipe before using. A ground circuit, in some cases, can be returned to the cast aluminium pipes and cause them to be charged.

For automobiles:Be sure the automobile is not running during inspection. Metal and liquid under the hood may be hot. Don't get oil or gas on the imager head.

5. Operation notes

- Please don't operate this product unless the manual has been read and proper training has been completely.
- Please allow at least 2 seconds between each ON and OFF for the unit to properly boot up and shut down. If the image is not normal, please shut off the product and power on again.
- Please be sure to shut off the image software firstly, then turn off the product and pull out the cable before turn off your computer, which could avoid computer crashed.
- Don't use sharp objects metal or liquid to touch the signal connector in order to avoid short circuit or product damage.
- Don't let any object compress the signal cable, or placed the signal cable in a humid places.
- Don't place the signal cable on places where people often walk in order to avoid being damaged.
- Don't immerse the grip into water, which will result in electric shock and damage.



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- Only while the product is assembled well, the camera head is water-proof, but the handheld grip isn't water-proof.
- Don't use the product if white dew forms inside the camera head.
- If the tool couldn't work well after turning it on. Please stop use and have the unit checked by a qualified technician.
- Store idle product out of reach of children and other untrained persons. The tool is dangerous in the hands of untrained users.
- Maintain the inspection tool with care. If the tool is dropped, check for the breakage ,which may affect the tools' operation. If it is damaged, have the tools serviced before using. Many accidents are caused by poorly maintained products.
- Use only accessories that are recommended by the manufacturer for your product. Accessories are suitable for the tool, but may become hazardous when used on another product.
- Dry your hands before turning the tool ON or OFF.
- Protect against excessive heat. The product should be kept away from heat sources, such as radiators, heat registers, stoves or other products (including amplifiers) that produce heat. Don't use the tool near moving machinery or areas where the temperature is exceed 45°C.
- Please cover the camera protection while not in use.
- Store the product in ventilated and dry places.

Cautions

- Don't drop the product or use by force.
- Don't disassemble the product to avoid failure.
- Don't place the product with corrosive gas or objects.
- Don't expose the product in vibration, high or low temperature.
- Store the product in a safe area.
- Don't immerse the product into water, which will result in damage to product.

6. Technical specifications

Name	USB Video Inspection
Model	AX-B100
Recommended use	Indoor
Viewable angle	60°
Focal lenght	50mm
Diameter of camera head	Standard camera head: 12mm; Camera diameter for selection: 9mm
Connection	Standard USB Interface
Valid pixels	300 thousand pixels
Image size	

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Attached cable	640x480
Probe length	1m or customized (max lenght 3m)
Light source	IP67
Power supply	High lighting LED
Operating temperature	USB computer supply
Operating humidity	0°C-45°C
Storage temperature	RH 5%-95% non-condensing
Dimension	-20°C + 60°C, ≤85%
Weight	266mm x 73mm x 80mm
	About 362g (12mm diameter, one meter length camera head)



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