
Medical Endoscope Camera System U400 security information

1.1 Symbol description

For the symbols that appear in the product shell, outer packaging box and instruction documents, the instructions are as follows:

symbol	explain
	Refer to the instructions
	Equipotential
	alternating current
	output
	input
	Foot switch identification
	Please refer to the instruction manual / user manual for details
	BF type application part
	White balance AWB
	Indicates return
IPX8	Indicates the waterproof grade, i.e. continuous water immersion prevention
IPX0	Indicates the waterproof level, i.e. no protection
	It indicates that fragile items are contained in the transportation package and should be handled with care
	It indicates that the transportation package should be vertically upward during transportation
	It indicates that the transportation package is protected from rain
	It indicates that the transportation package cannot be directly exposed to sunlight
	Attention type text means to remind users of some important operations or prevent potential injury and property loss.
	Warning text indicates that there are potential risks, which, if not avoided, may cause injury accidents, product damage or business interruption.

	<p>Dangerous words indicate that there is a high potential risk, and if it is not avoided, it may cause major danger of casualties.</p>
	<p>Collect electrical and electronic equipment according to the regulations and instructions of waste electrical and electronic equipment</p>

1.2 **dangerous**

- This equipment needs to use stable grid power supply. Any accessories connected with grid power have peeling off, poor contact and other phenomena. Please stop using it immediately and replace the accessories before using.
- It is strictly forbidden to use this equipment in the environment where there are flammable gases (such as oxygen, hydrogen, etc.) or flammable liquids (such as ethanol, etc.), otherwise it may cause explosion.
- It is strictly forbidden to contact the live part of the equipment (such as the signal input and output interface) with the patient, which may cause electric shock.
- It is strictly forbidden to spray liquid on any part of the host, otherwise it may cause fire and equipment damage.
- It is strictly forbidden to block the vent of the equipment, otherwise it may cause fire, equipment damage and scald.
- It is strictly forbidden to put the equipment on the soft table with flannelette, sponge, bed sheet, etc., and sufficient ventilation clearance should be reserved.

1.3 **warning**

- The endoscopic apparatus used with this equipment and the parts connected with the camera should be made of insulating material, otherwise there will be a risk of electric shock.
- In order to reduce the risk of fire or electric shock, do not let the product be exposed to rain or moisture. The operator is strictly prohibited to install and operate the product with wet hands.
- Before surgery, please equip with backup camera system and camera.
- In case of any fault affecting the operation during the use of the equipment, the operation should be stopped immediately, the power switch should be turned off, the power cable should be unplugged, and the endoscope should be slowly removed from the patient.
- It is not necessary to ensure the normal supply of power supply during the operation.
- The equipment and all accessories should be placed in a safe position to prevent the risk of falling off, touching and touching by mistake.
- Do not use storage media with unsafe data, otherwise the equipment will be damaged and data will be lost.
- This device can only be connected to the power socket with protective grounding, and cannot use a removable socket, or connect to the same socket with other high-frequency devices, otherwise it may cause mutual interference, electric shock or damage to the power supply of the device.
- It is strictly forbidden to dismantle the screws and shell, and to replace the internal parts

of the product.

- It is strictly forbidden to install, operate and store the product at any place listed below, which may cause fire, personal injury or equipment failure:
 - Places where inflammable chemicals or alcohol, diluents, benzene and other items are stored
 - Close to liquids or places easily wetted by rain
 - Direct sunlight
 - Near the air outlet of air conditioner or ventilation equipment
 - Place close to heat source, such as near heater
 - Places with unstable power supply
 - Environment with high salt or sulfur content
 - Extremely cold or hot environment
 - Extremely humid or dusty environment
 - Areas prone to mechanical vibration or instability
 - Near strong magnetic field source
 - Near strong electric and magnetic sources, such as TV and radio devices

1.4 **be careful**

- This equipment cannot be used in nuclear magnetic, high temperature, vibration, high humidity and dusty environment.
- All interface equipment connected with this equipment shall pass the certification of relevant regulations. The personnel responsible for connecting the additional equipment to the equipment interface shall be responsible for whether the system conforms to IEC 60601-1-2, 60601-1, 60601-2-18 and equivalent international standards.
- Please use the accessories and interface equipment recommended by our company. Using incompatible equipment may cause patient injury, equipment damage or performance degradation.
- This equipment can only be operated by trained medical personnel with professional qualifications and relevant experience.
- This equipment is only used for auxiliary diagnosis. Doctors should diagnose and treat patients in combination with their clinical manifestations.
- Do not excessively bend, pull or squeeze the cable to prevent equipment failure or damage.
- Do not over squeeze the connector, especially the camera connector. All connectors are designed to prevent freezing. Pay attention to the plug orientation when plugging.
- When disposing of packaging materials or equipment scrapping, local laws and regulations or the hospital's waste disposal system should be observed to prevent danger or environmental pollution.
- If you have any questions above, please contact our company or equipment supplier.

1.5 take care

- All relevant parts of the device, such as cables, accessories, packaging, etc., should be placed out of the reach of children.
- The software of this equipment is developed according to the requirements of yy/t 0708 standard, and the identified risks have been safely controlled to minimize the risks, so the equipment can be used safely.
- Please maintain the equipment according to the rules and regulations or instructions of the hospital, including cleaning, disinfection, calibration, etc.
- Please disconnect the power supply when this equipment is not in use.
- If the equipment is not used for a long time, please use the original packaging for sealed packaging.
- The site should be well ventilated.
- The system shall not be turned off when the endoscope is in the human body.
- Do not impact the product strongly to avoid product function failure.
- Watching video images for a long time may cause eye discomfort, headache and nausea, so it is recommended that the operator / viewer pay attention to proper rest.

1.6 Packing list

The configuration list of this product is as follows:

Serial number	name	number	allocation
①	Image processing host	1 set	Standard configuration
②	Camera (including 2.8 m cable)	1	Standard configuration
③	Power line (1.8 m)	1 piece	Standard configuration
④	SDI cable (2.0 m)	4 PCs	Standard configuration
⑤	DVI cable (2.0 m)	1 piece	Standard configuration
⑥	HDMI cable (2.1 m)	1 piece	Standard configuration
⑦	Delivery inspection report	1 copy	Standard configuration
⑧	Certificate of conformity	1 copy	Standard configuration
⑨	Fixed focus lens	1	Standard configuration

⑩	Zoom lens	1	Optional
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1.7 Working, storage and transportation conditions of products

1.7.1 Working conditions

Temperature: 5 ° C to 40 ° C / 41 ° f to 104 ° f

Humidity: ≤ 80%

Air pressure: 760 hpa~1060 HPA

1.7.2 Storage and transportation temperature

Temperature: -40 ° C to 55 ° C / -4 ° f to 131 ° f

Humidity: 20% to 80% (non condensing)

Air pressure: 700 hpa~1060 H