The HD medical camera is an all-in-one design, dust-free, easy to clean and streamlined design. It is suitable for use in surgical live broadcast and recording, distance teaching and medical training in various medical scenarios;

Metal shell design, convenient for every cleaning and disinfection;

Comfortable and noise-free, it can be flexibly configured on various types of pendant arms to achieve all-round shooting;

Medical grade camera core, 30x optical lens, output 3G-SDI or HDMI 1080 high-definition images, support up to 60 frames;

One-button manual quick switch between automatic and manual focus, the true color reproduction can still be presented under the high color temperature medical shadowless lamp, with the manual condition strong light suppression function;

Support normal mode and shadowless lamp mode, enhance brightness adjustment, adjust image brightness function under different shadowless lamp states and different lighting conditions;

Conventional universal wire can ensure smooth, stable and anti-interference image transmission;

Intuitive and simple OSD operation interface, combined with multi-function control button panel, can conveniently control common functions such as focusing, zooming, brightness adjustment and freezing.

Product pictures:

3. Specifications and Features:

Product Name	HD Medical Camera
Model Number	68950-300
Highest Pixel	2.38 million pixels
Highest Resolution	1920*1080P → FHD1080P60 live image
Optical Zoom	30x optical zoom, 12x digital zoom
Lens Focal Length	f=4.3mm (wide-angle end) to 129.0mm (far end)
Focus Control	On/Off (Auto/Manual)
Aperture	F1.6 to F4.7 Auto/Manual
Visual Angle	63.7 degrees (wide end) to 2.3 degrees (far end)
Video Output Interface	3G HD-SDI, HDMI2.0
Resolution	1080P60/P59.94/P50/P30/P25 frames, 72060/P59.94/P50/P30/P25 frames;
Control Mode	RS485, RS232
Control Protocol	SONY VISCA protocol, default baud rate 9600
White Balance	ATW/Auto Tracking White Balance/Auto White Balance/Manual White Balance/Indoor/Outdoor
Signal to Noise Ratio	Greater than 50dB
Button Panel Function	Zoom In, Zoom Out, Menu Switch, Menu, Brightness+, Brightness-, Mode, Freeze
Operating Temperature	-5℃~60℃(indoor)
Power Supply	DC 12V
Dimension	252mmx95mmx92mm
Weight	2KG