



mindray
healthcare within reach

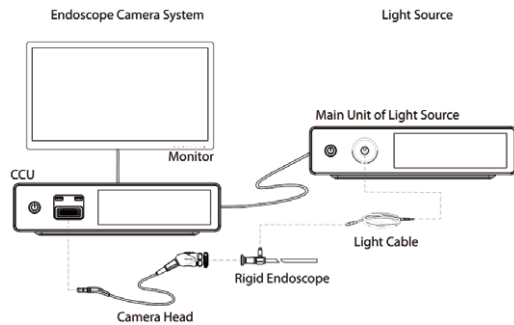
HyPixel U1

4K Endoscope Camera System

Simply Clear



The equipment can be connected with endoscopes, light sources and monitors to provide images needed for surgical operations and clinical examinations. The connection is shown as below:



Endoscope Camera System

Dimension	380mm x 350mm x 80mm
Weight (CCU)	20.0Kg
Weight (Camera head)	280g (excluding the cable)
Resolution	3840 * 2160 pixels
Image Sensor	1-chip CMOS
Scan Mode	Progressive
Refresh Rate	50/60 Hz
Display Format	16 : 9
Signal Output	12G-SDI x 4, HDMI x 1, DVI x 1, 3G-SDI x 1
Data Management	Full HD Recording with Built-in USB Storage Flash Disk (up to 4TB)
Protection Against Moisture	Camera head IPX7
Protection Against Electric shock	Class I, Type BF

HB300L LED Light Source

Dimension	380mm x 350mm x 80mm
Weight	6.5Kg
Lamp	High Brightness White LED
Power consumption	135W
Lamp Life	More than 60,000h
Color Temperature	3000-7000K
Protection Against Electric Shock	Class I, Type CF
Intensity	≥3000000Lux (max center)
Noise	≤55dB

55"/31" Monitor

LCD Size	55/31 inch
Weight	≤17Kg(31 inch) ≤46Kg(55 inch)
Resolution	3840 * 2160 pixels
Contrast Ratio	1400 : 1
Refresh Rate	50/60 Hz
Backlight Brightness	800 cd/m ²
Input Signal	HDMI, 12G-SDI, DVI, 3G-SDI
Max Viewing Angel	178°
Loop Out	Yes
Picture in Picture	Yes

Laparoscope

Model	M 01000A	M 01030A
Direction of View	0°	30°
Field of View	80°	80°
Diameter	10mm	10mm
Working Length	321mm	321mm
Depth of View	3-200mm	3-200mm
Color Rendering Index	91	91
Autoclavable	√	√

Insufflator

Model	HS-50F	HS-50H	HS-50V	HS-50S	HS-30S
Flow Rate	0.1-50 L/min	0.1-50 L/min	0.1-50 L/min	0.1-50 L/min	0.1-50 L/min
Heating	√	√	×	×	×
Smoke Evacuation	√	×	√	×	×
Modes	5	5	5	5	5
Touch Screen	√	√	√	√	√

Dimension	380mm x 350mm x 141mm
Weight	10.0Kg
Pressure Range	1-30mmHg
Modes	Bariatric, Adult, Pediatric, Retroperitoneum, Customize
Heating function(HS-50F/HS-50H)	Yes, Temperature ≤41℃
Display	7 inch color touch screen
Protection against harmful ingress of water or particulate matter Foot pedal IPX8	The insufflator is an ordinary-type device (sealed device that does not protect from liquid inlet)
Protection against electric shock	Type CF
Method of sterilization	By other methods validated and described by the manufacturer

Some of functions marked with an asterisk may not be available. Please contact your local Mindray sales representative for the most current information.



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P/N:ENG-HyPixel U1-210285X2P-20210128

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