

GR[®] Full HD
Endoscopic System



WeChat official account



Company's website



Technical support



Complaint and advice



ELECTRONIC FLEXIBLE ENDOSCOPE



XUZHOU HENGJIA ELECTRONIC TECHNOLOGY CO.,LTD

☎ 86-4008321868/86-0516-83956616

✉ GEIWRE@HOTMAIL.COM

🌐 WWW.GEIWREMEDICAL.COM / EN.GEIWRE.COM

📍 28 Chang'an Road, High-tech District, Xuzhou, Jiangsu Province, China

GEIWRE products reserve the right to change product design and specifications, the size, Appearance and color of the products in the picture are subject to the actual equipment, for internal learning purposes only, if there are printing errors or omissions, the original information shall prevail.

All-in-One Platform
(White Light or Staining)

01



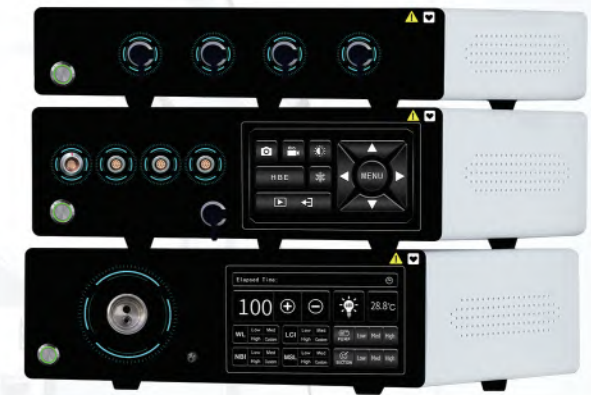
Integrated Platform
(White Light)

02



04

AI Dual Imaging Joint Platform
HD Dual Imaging, 4K Dual Imaging
Staining Modes: WLI, ACI, NBI, LCI, RDI, NBI-PIUS



03

Dual Imaging Joint Platform
HD Dual Imaging, 4K Dual Imaging
Staining Modes: WLI, ACI, NBI, LCI, RDI, NBI-PIUS





Electronic Ureteroscope

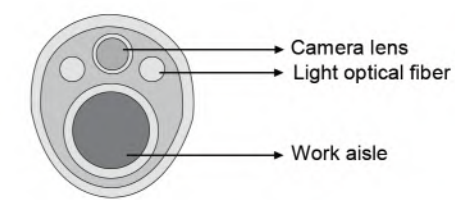
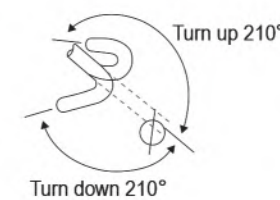
The product can be used for Electronic ureteroscope. Ergonomic design, light weight operation structure, reduce the operator's work intensity, The bullet head is inserted into the head, convenient to enter the device and the body.

Integrated video plug, cold light lighting after, avoid burning tissues, Independently packaged three-way adaptor, with optical fiber locking device.

Perfusion pump system that can connect existing brand and domestic brand in operating room Use aseptic independent packaging, disposable.

Ureteroscope parameter

Diameter (MM)	Length (customizable)	Inside diameter of working passage	Angle of bend	Pixel	Depth of field	Field angle
2.5	660-680	1.2±0.04	≥275°	16W/30W	5-150MM	140°
2.8	660-680	1.2±0.04	≥275°	16W/30W	5-150MM	140°
4.3	660-680	2.2±0.04	Turn up 210° Turn down 210°	16W/30W/50W	5-150MM	140°



Electronic rhinolaryngoscope

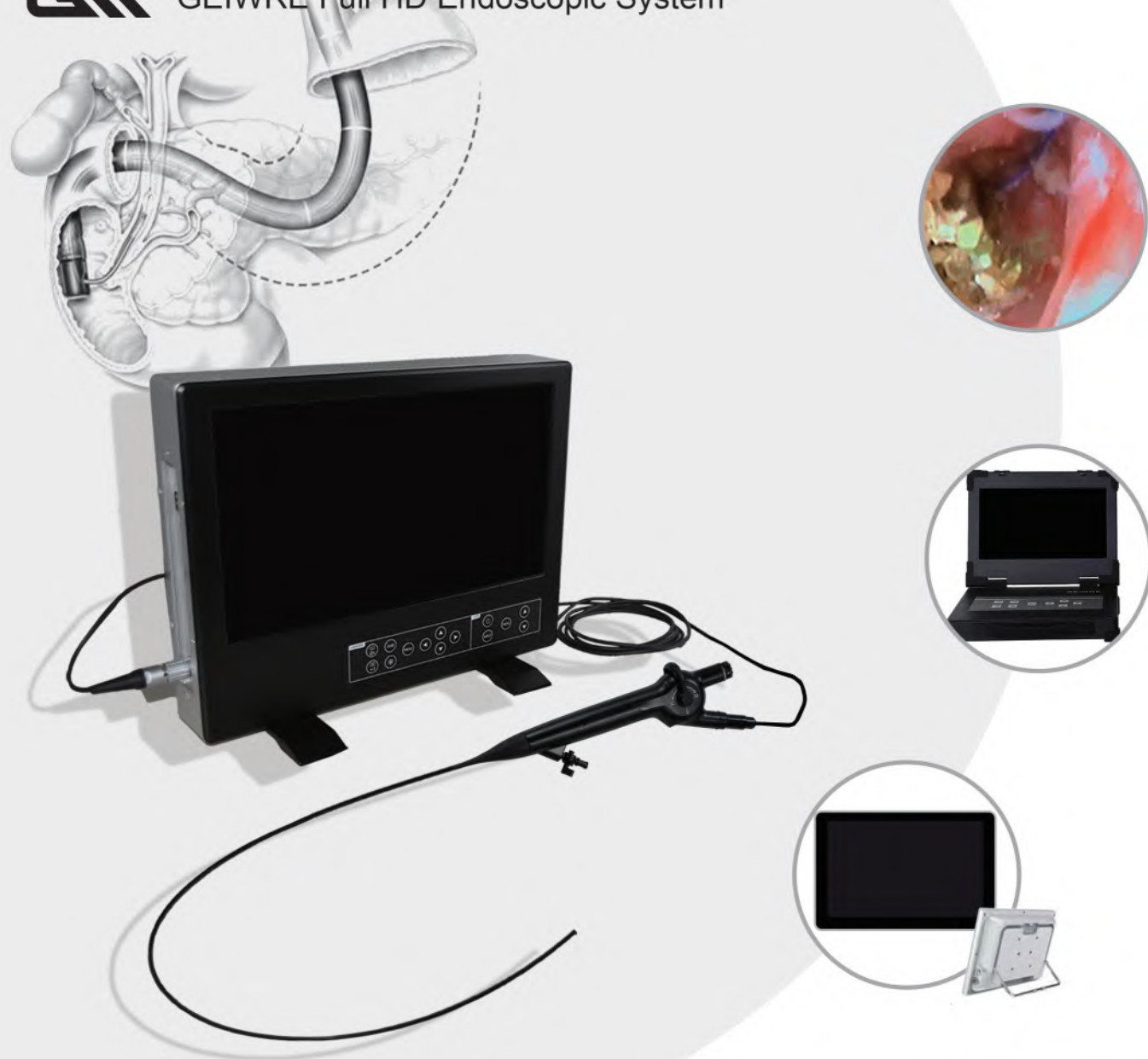
The product can be used for Electronic nose and throat scope ergonomic design, lightweight operation structure, reduce the operator's work intensity, The bullet head is inserted into the head, convenient to enter the device and the body.

Integrated video plug, cold light lighting after, avoid burning tissues, Independently packaged three-way adaptor, with optical fiber locking device.

Perfusion pump system that can connect existing brand and domestic brand in operating room, Use aseptic independent packaging, disposable.

Rhinolaryngoscope parameter

Diameter (MM)	Length (customizable)	Inside diameter of working passage	Angle of bend	Pixel	Depth of field	Field angle
2.8	380-480	1.2±0.04	Turn up 210° Turn down 210°	16W/30W	5-150MM	140°
4.3	380-480	2.2±0.04	Turn up 210° Turn down 210°	16W/30W	5-150MM	140°
5.8	380-480	2.2±0.04	Turn up 210° Turn down 210°	16W/30W/50W	5-150MM	140°



ANGULATION CONTROL



WORKING CHANNEL



OPTIONAL USB PORT

Electronic choledochoscope

It can be compatible with multiplex electronic pyeloscope host system, The product can be used for choledochoscope, Ergonomic design, light weight operation structure, reduce the operator's work intensity.

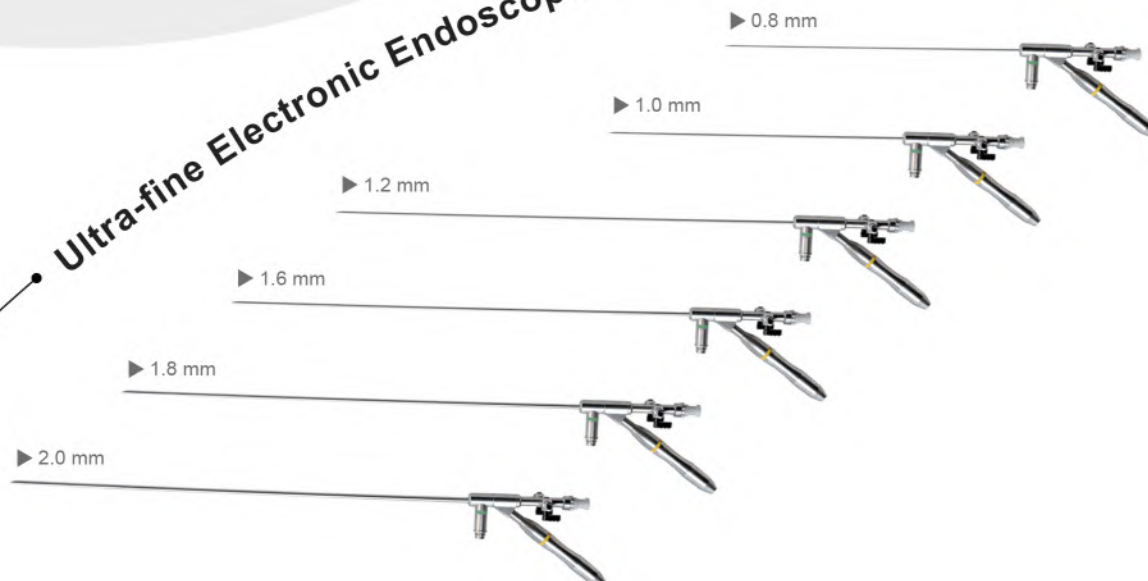
The bullet head is inserted into the head, convenient to enter the device and the body.

Integrated video plug, cold light lighting after, avoid burning tissues, Independently packaged three-way adaptor, with optical fiber locking device Perfusion pump system that can connect existing brand and domestic brand in operating room, Use aseptic independent packaging, disposable.

Choledochoscope parameter

Insert tube outer diameter mm	Φ2.5	Φ2.8	Φ4.8	Φ5.1
Maximum Outer Diameter mm	Φ2.8	Φ3.1	Φ5.1	Φ5.4
Effective working length mm	550	550	380	380
Inside diameter of working passage mm	Φ1.2	Φ1.2	Φ2.2	Φ2.6
Angle of bend	Turn up > 210°		Turn down > 210°	

Ultra-fine Electronic Endoscope



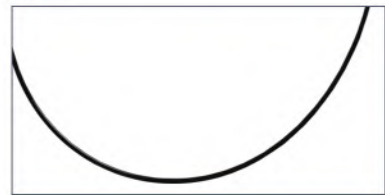
Angulation Control



Water Vapor Valve



Length (customizable)

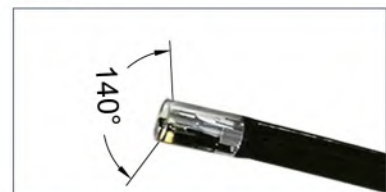


Angle Of Bend



Turn up 210° Turn down 210°

Field Angle



Working Channel



Electronic bronchoscope

It can be compatible with multiplex electronic pyeloscope host system, The product can be used for bronchoscope. Ergonomic design, lightweight operation structure, reduce the operator's work intensity.

The bullet head is inserted into the head, convenient to enter the device and the body.

Integrated video plug, cold light lighting after, avoid burning tissues, Independently packaged three-way adaptor, with optical fiber locking device Perfusion pump system that can connect existing brand and domestic brand in operating room, Use aseptic independent packaging, disposable

Bronchoscope parameter

Diameter (MM)	Length (customizable)	Inside diameter of working passage	Angle of bend	Pixel	Depth of field	Field angle
2.3	650-680	1.2±0.04	Turn up 210° Turn down 210°	16W/30W	5-150MM	140°
2.8	650-680	1.2±0.04	Turn up 210° Turn down 210°	16W/30W	5-150MM	140°
4.3	650-680	2.2±0.04	Turn up 210° Turn down 210°	30W/50W	5-150MM	140°
5.5	650-680	2.8±0.04	Turn up 210° Turn down 210°	30W/50W/100W	5-150MM	140°

Host Interface





Wider Field of View and Larger Angle



Fully waterproof, safe and reliable



AdaptiveFlex Intelligence



Precision tracking

Image processor

HD image processor: powerful, brightness, colour and contrast adjustable from 0-100 levels, supports HDMI HD signal output

Resolution: 1 million HD pixels

Viewing angle: 140 degrees

Auto/Manual White Balance: Auto/Manual

Sensor technology: CMOS

Video output: HDMI, USB, VGA

Image video storage: USB stick for direct photo and video saving

LED Light Source

Spectrum Range: 400-700nm

LED power: 100W

LED illumination: ≥20W Lx

Life: 20,000 hours

Color Temperature: ≥5500K

Air pressure: 30~60KPa, air flow: 4~10L/min

Air pump adjustment: 0 to 3 is adjustable

Power supply: AC 85~264V



Electronic Gastroscope Parameters

Diameter (mm)	6.0	8.0	9.0	9.6	9.8
Inner diameter of clamp pipe	2.2	2.8			
Working length	1050mm				
Total length	1350mm				
Field of view	140° (direct view)				
Observation depth	2-100mm				
Resolution	1 million pixels CMOS HD-100w				
Bending angle	210° upward	100° Left	100° right	100° downward	
Left and right	100° maximum 230				
Observation depth of field	2-10mm				

Electronic Colonoscope Parameters

Diameter (mm)	8.0	9.8	12.0	12.8
Inner diameter of clamp pipe	2.8	2.8	3.2	3.75
Working length	1500mm	1650mm		
Total length	1650mm	1950mm		
Field of view	140° (direct view)			
Observation depth	2-100mm			
Resolution	1 million pixels CMOS HD-100w	1 million pixels		
Bending angle	210° upward	100° Left	100° right	100° downward
Left and right	100° maximum 230			
Observation depth of field	2-10mm			



- HD image quality
- Water nozzle helps keep vision clear during observation and treatment
- Waterproof One-touch Connectors suitable for immersion and disinfection
- 6.0mm outer diameter



■ RIGID ENDOSCOPE

ENT,
Urology,
Gynecology,
Pneumology othopedics,
General surgery,
Spine surgery.



■ FLEXIBLE ENDOSCOPE

Electrical ureteroscope,
Electrical choledochoscope,
Electrical rhinolaryngoscope,
Electrical bronchoscope,
Electronic gastroscope,
Electronic colonoscope,
Electronic hysteroscope,
Resolution: 160,000 pixels;
320,000 pixels;
1,000,000 pixels;
2,000,000 pixels.

**2-IN-1
ENDOSCOPE**

The camera has white balance, video recording, freezing, photo taking, storage, etc. It can be equipped with network, remote consultation teaching, etc.

APPLICABLE DEPARTMENTS:
gynecology, urology, hepatobiliary surgery, orthopedics, otolaryngology, neurosurgery, cosmetology and other examinations and operations.

■ HD-3310 PRODUCT PARAMETER

Camera: 2,600,000 pixels 1/1.8 "CMOS
Resolution: 1920 (H) *1200(V)
Definition: 1200 Lines
Minimal illumination: 0.3Lux
Video output: 3G-SDI, DVI, VGA, HDMI, USB
Power: 85 ~ 264VAC
Shutter speed: 1/60~1/60000(NTSC), 1/50~50000(PAL)
Camera cable: 2.8m/Special lengths customized
LED Lamp power: 100W
Long life: ≥50000Hours
Language: Chinese, English, Russian, Japanese and Spanish can be switched

