SVEH Series industrial video borescopeHandheld

Hand-held high-level touch screen endoscope



High-level intelligence

SVE-H series is a high-performance handheld industry of Beijing Garexon Technology Co., Ltd.. Spectrum, high-resolution touch screen with 5.2. Host/prospect control module is free to switch Spectrum lines with the same specifications; systems support file management, graphic editing, dynamic text notes, straight
A screen-like display in a visual/side-vision double-vision picture, adapted to different resolution cameras
Lines.



Supercompatible.

- Modularized design, with the mainframe and probe control module to be detached and compatible with different specifications of line use
- Precision mechanical control, 360 degree randomly directed, with an automatic detoxifier inside the shaker, which allows precision positioning
- Consistency line: Ø1.0mm/Ø1.2mm/Ø1.7mm/2mm/Ø2.8mm/Ø4.0mm/Ø5.8mm /06. 0mm diameter; self-adapted to different pixel tubes. Customise as required
- Camera pixels: 16000/52000/100000/200000, showing that they are self-adapted and that software versions do not need to be replaced
- Spectrum type: front/foresee, side/eye lens close to focus, drawing image
- Auxiliary function: Mechanical track inside the probe, with the use of grab tools, crocodile clamps, three claws

Innovation function

Focus on addressing the prolonged use of the probe, resulting from the extension of its towed wire rope
The angle of the probe is smaller.
The maximum adjustable amount can be moved from 0 to 180 by fine-tuning the device to regulate direction
degrees. Free of return debugging.





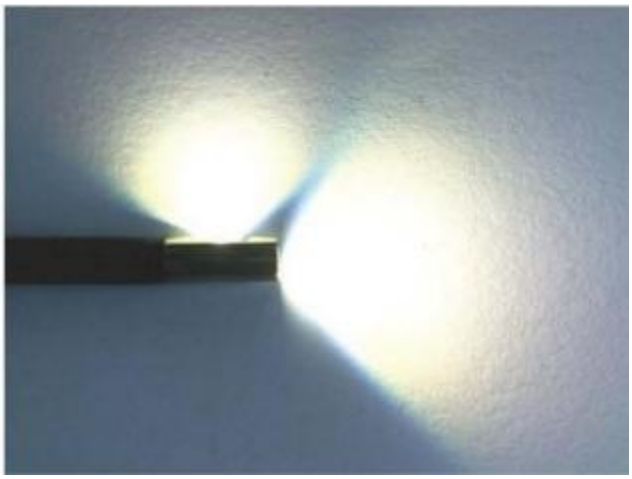


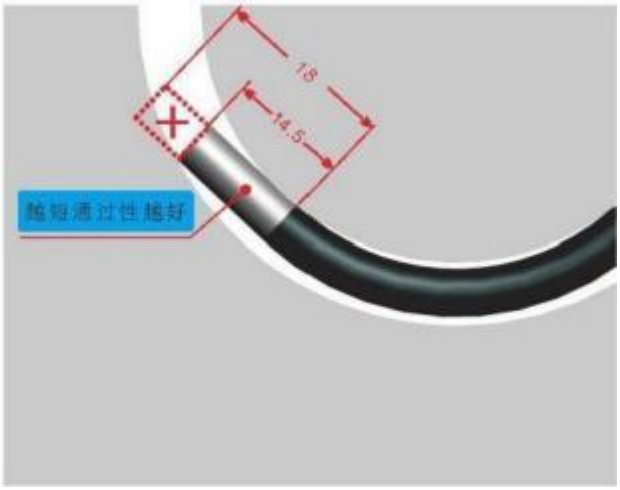
5.8 mm front/side-vision probe





4.0mm front/side-vision probe





- **Large power LED light source, fibre-optic conductor lighting, greater than 10 10,000 LUX**

- **Super short probes of hard length, with a much better radians passing through narrow space corners**
- **Integrated design allows for a greater field of view, a greater depth, water and water protection**

Advantages of dust and oil protection; relative to the pattern of replacement lens, **Integrated design is stronger.**

Shit, there's no camera coming off.



6.0mm inside mechanical grab channel, through It's better to plug through and avoid the risk of perforation.
Appliance tools: crocodile clamps, four-legged claws, cords



6.0mm diameter, two-eye lenses, long/ near-focused
You don't need to change the lens to fit the space.
Environmental tests, visible on the screen at the same time
Speculation and close focus.



Φ6.0mm	Internal mechanical handways, fibre-optic lighting
Φ6.0mm	Foreground eyesight/ near-focus, fibre-optic lighting
Φ5.8mm	Front/side vision, fibre-optic lighting
Φ5.8mm	**Foreground, fibre-optic/LED**
φ4.0mm	Front/side vision, fibre-optic lighting
Φ3.9mm	**Foreground, fibre-optic/LED**
Φ2.8mm	**Foreground, fibre optic/ LED**
φ2.0mm	**Foreground, fibre-optic/LED**
Φ1.7mm	**Foreground, fibre-optic/LED**
Φ1.2mm	**Foreground, fibre-optic/LED**
Φ1.0mm	Forward vision, fibre-optic lighting

Software functionality

Draw as Screen Display

- Double camera drawings and screen displays; windows of size can be switched or small **window closes or hides only one image.**

- The front/side-vision pixel million probe can be displayed on the image at the same time, before real-time observation is achieved

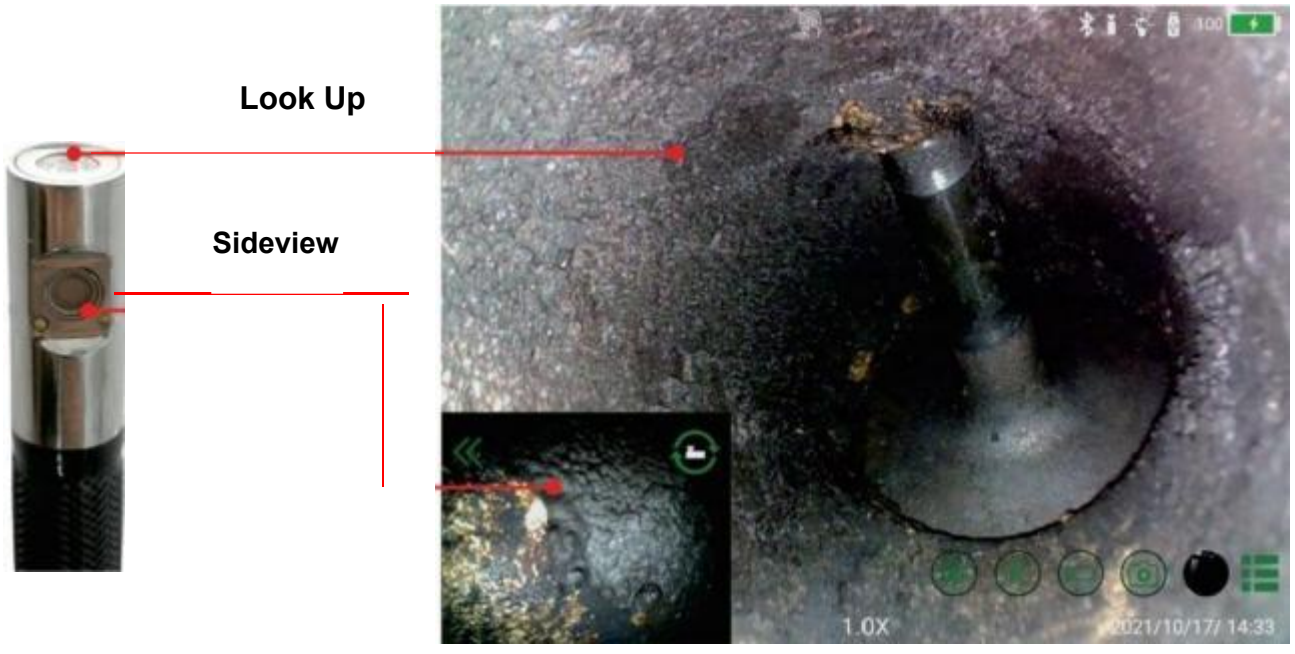
  The defects in the surface and side wall allow the tester to make a determination quickly and effectively.

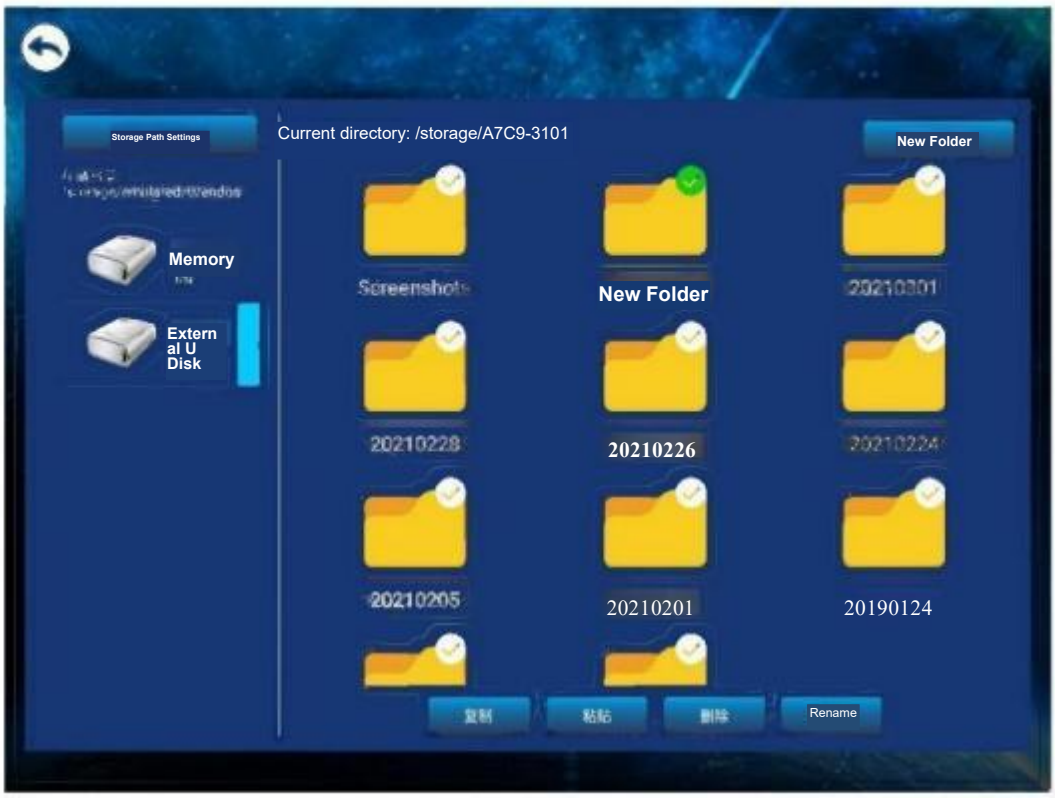
- The front-sighted/ near-focus million double cameras are shown in real time at the same time, allowing for greater space detection

  The detection can also identify minor defects at close range and help detect the precise identification of defects
  Effectively improve the accuracy of decisions.

- Software adapts to cameras and types of tubes in pixels (16000/30000/100000/200000)

  Line detector, no change in software version, no change in use.





Medium/English touch keyboard input, multiple keyboard-arranged mode selection



Text Comment

Annotate watermarks for unlimited presets, which can be used directly in the settings.

You can also double-click the touch change in the watermark position of the interface.

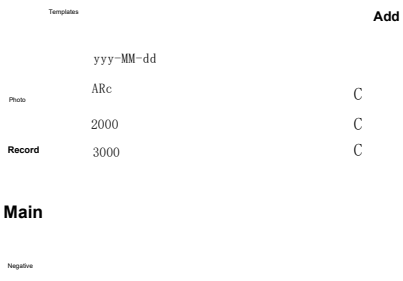
Comment Watermarking





IV. Photo name customised

- **Photo default name: year + month + date + serial number (e.g. 202001010001)**
- **Photo custom name: custom content + serial number (e.g. ABC0001)**
- **Custom naming can simplify the number of characters in photo names and reduce the workload of reporting staff.**
  Improving efficiency





202001010001



A0001

Photo Editor

Photos can be edited for graffiti, text and custom watermarks
Note, Quick description of defects.



Photo Effects









diameter	Work Length	Pixels	Visual corner	Deep	Lighting	Orientation
1.0 mm	1m/2m	16 million	120 Degrees	3～100mm	Fibre/LED	None
1.2 mm	1m/2m	16 million	120 Degrees	3～100mm	Fibre/LED	Two directions.
1.7 mm	1m/2m/3m	16 million/52 million	120 Degrees	3～100mm/5～100mm	Fibre/LED	Two directions.
2.0 mm	1m/2m/3m/4m/5m/7m	16 million/52 million	120 Degrees	3～100mm/5～100mm	Fibre/LED 360 Degrees Arbitrary	
2.8 mm	1m/2m/3m/4m/5m/7m	16 million/52 million	120 Degrees	3～100mm/5~100mm	Fibre/LED 360 Degrees Arbitrary	
4.0 mm	1m/2m/3m/4m/5m/6m	100 million/200 million	70/100/120	5~100mm/15～150mm	Fibre/LED 360 Degrees Arbitrary	
6.0 mm	1m/2m/3m/4m/5m/6m	100 million/200 million	70/100/120	5～100mm/15～150mm	Fibre/LED 360 Degrees Arbitrary	

技术参数

Host system	
Display	5.2's high-resolution touch screen (1920*1080), brightest 10 level OLED
Processor	The processor uses the 8 nuclear 64 position structure　Processor, A76 Core Frequency 2.4GHz
Main Board	Support LPDDR4 dual channel 8G running memory at least 64 GB internal storage capacity with external U at least 32GB
Functions	Draws a screen display, adapts to different pixel cameras, takes pictures, videos, dynamic browsing, painting Face freeze, image scaling, image rotation, file renaming, text notes, negative film, photo compilation **Scripts, graffiti.**
Rocker	Rock-and-roll precision control.
Memory	Host 64GB, external 128GB memory card (extended)
Data I/O port	HDMI video signal interface, Type-C charge interface, USB2.0 interface, 3.5mm headphone, power supply DC(8.4V～12V/2A)）
WIFI / 4G	Optional
Languages	Chinese (Simplicity), English for En, Korean (Kr), German (De), Russian (RU) **Japanese (JP)**
Battery	**4 hour**　**Batteries: 8.4V/6800mAh**
Insert pipe replacement	They can be inserted with different lengths, routing, depth, visual angles, etc., depending on the user ' s needs Self-replacement, insertion tube replacement time completed in 5s
Operation	Handheld portable
Host working temperature	-10~50℃
Host protection level	Host IP55, protection against general water spills
Software systems	
Operating systems	Android operating system
User Interface	Menu Navigator
Smart File Management	Support files, pictures, video deletions, formatting, editing
logo function	You can print a custom logo on the screen you're filming.
White Balance	Automatic White Balance/Put White Balance
Flip Image	Rotate 180°, Mirror
Focus zoom in.	5 class 5 times
Image Effects	Colour, Invert
Image Control	Zooming, replaying, graffiti, end-to-end renaming, real-time images, storage of images, infinity magnification

Take a quick picture. Video Screen	**Short press: take images** Long press: recorded video (time and number of tags shown after video activation)
Black Box.	**You can customize long-time follow-up for recording**
Draw / Straight Side Screen	The main screen image and small window photos are toggle with the main screen image and the face view image.
Picture Format	JPG, PNG, BMP (date and time recorded)
Video Format	**AVI, MP4 (date and time recorded)**
Exposur e	**Exposure time**
Reference measurements	Measurements of impairments based on known dimensions
Software upgrades	Through upgrade packages (new functionality will continue to be added)