VSNDT

VS-Y18 series Handheld HD Industrial videoscope

Display

USB port

Headset socket

VGA

USB port

⏻ On/Off

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Illumination

Screen freezes

Video

Inserted into the pipe
(Length optional, tungsten braided tube)

Probe

Power

Professional endoscope solution provider
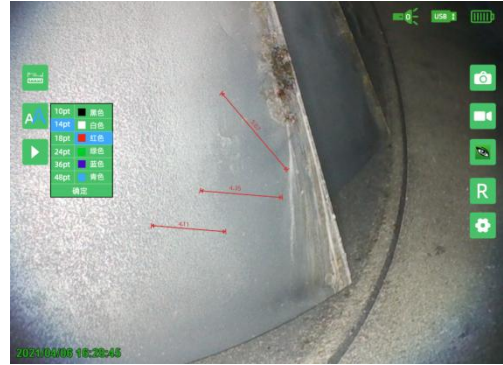
To be as you wish

VS-Y series is equipped with a number of intelligent inspection functions, advanced technology, comprehensive functions, to assist inspectors to efficiently complete the inspection work.

HD screen display

Comparative measurement

Automatic defect identification (optional)

Smart Editing pictures
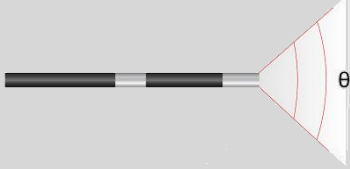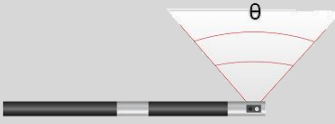

Remote Collaboration (optional)
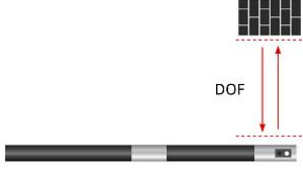
64 GIGABytes solid state

Host	Dimension	360*160*60mm
	Display	5.7-inch industrial touch LCD screen
	Audio	3.5mm Headphone/microphone jack
	Output port	VGA Video output (dual-screen synchronous display), dual USB output
	Storage	Built-in 64GB SSD and can be expandable up to 512GB
	Battery Power	Special rechargeable lithium battery pack, online charging, battery life ≧4 hours
	Ip grade	IP54
	Working temperature	-20℃～70℃
	Storage temperature	−20℃～60℃
	Relative humidity	Max 95%，No condensation
System	OS	WES OS
	Operating mode	Full-screen touch and button double operation, five-way navigation button, double camera and video button
	Supporting function	Comparative measurement, automatic defect identification, real-time dynamic annotation, real-time screen watermarking, rapid defect identification
	File format	Image JPEG (JPG) format, video MP4 format
	File management	Support create, rename, move, and delete files and folders in Both Chinese and English, and save them to internal hard disks or USB flash drives to realize bidirectional copy between USB flash drives and hard disks
	Picture processing	Adaptive noise reduction, photo taking, video recording, negative film, flip, picture freezing, online editing, graffiti, postmark
	Language	Chinese (basic), French, English, German, Spanish, Italian, Japanese
Package case	Weight	10.6kg
	L*W*H	47*38*17cm

Camera and probe

The VS-Y18 series is available in a variety of lengths and diameters .You can select and replace pipelines according to the actual detection situation

Model		VS-Y18		
		VS-Y1810	VS-Y1820	VS-Y1830
Lens camera	Direction	Direct view/Side view		
	FOV(θ)	120°		
	DOF	3mm~50mm		
	Pixels	160,000 pixels		
	Illumination	Direct view：Rear high power LED fiber conduction		
		Side view：LED illumination		
Probe	Length(L)	5±0.5mm		
	Diameter(D)	1.8m		
	Articulation	180°Two way articulation		
	Bend angle(α)	160°±10°		
	Brightness of Illumination	≤1m	1m＜L≤2m	
		≥15000LUX	≥10000LUX	
Insert Tube	Length	1m	2m	3m
	Materials	Flexible (tungsten braided tube)		

	VS-Y（Direct view）	VS-YC（Side view）
Lens direction		
View angle(θ)		
DOF		
Probe Length(L)		
Probe diameter(D)		
180°articulation		
Bending angle(α)		

No.	Name	QTY	Units	备注
1	Host	1	Set	
2	U disk	1	pcs	
3	Battery	1	pcs	
4	Package case	1	pcs	
5	Adapter	1	Set	
6	Tripod	1	pcs	
7	VAG cable	1	pcs	
8	Straps	1	pcs	
9	Stylus pen	1	pcs	
10	Warranty card	1	pcs	
11	User manual	1	pcs	
12	Qualification	1	pcs	

Packing