VSNDT

VS-Y20 series Handheld HD Industrial videoscope

Display

USB port

Headset socket

VGA

USB port

On/Off

Return

Photo

Illumination

Screen freezes

Video

Menu

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

Probe

Power

Professional endoscope solution provider

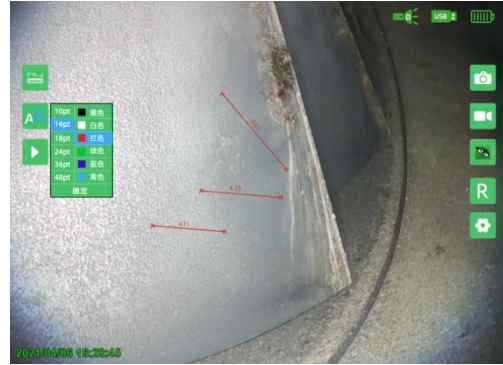To be as you wish

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

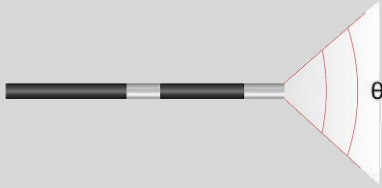Remote Collaboration (optional)
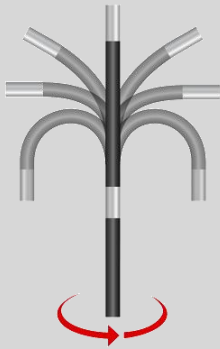
64 GIGABytes solid state

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	
	L*W*H	47*38*17cm

Camera and probe

The VS-Y20 series is available in a variety of lengths and diameters .You can select and replace pipelines according to the actual detection situation

Model	VS-Y20		
	VS-Y2010	VS-Y2020	VS-Y2030
Lens			
Direction	Direct view		
View angle(θ)	120°		
DOF	3mm~70mm		
Pixel	160000		
Illuminating system	LED Integrated lighting		
Probe			
Length(L)	5±0.5mm		
Diameter(D)	2.0mm		
Articulating	360° full way articulation		
Bending Angle(α)	≥120°		
Brightness of Illumination	3900Lux		
Working temperature	-20℃~70℃		
Inserting tube			
Length	1m	2m	3m
Material	Flexible (tungsten braided tube)		

	VS-Y（Direct view）
Lens direction	
View angle(θ)	
DOF	
Probe Length(L)	
Probe diameter(D)	
360°articulation	
Bend 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