



ACE Visual Inspection 10

Clearer Inspection · Better Decision · Longer Usage



Product Description

ACE VI 10 industrial videoscope offers excellent remote visual inspection results in very rigorous environments. Thanks to the new material technology and product modular design, the videoscope is compact and lightweight. It includes top features like video and still image recording which can be stored in a removable SD card memory for further analysis.

ACE VI 10 is equipped with megapixel camera, high-resolution screen, rear high-power LED light source with optical fiber transmission illumination. It is extremely easy to operate by one-hand joystick control with 360° All-Way tip articulation. Moreover, interchangeable probe insertion tubes of different diameters and length can be quickly exchanged to meet different inspection environments.

Services

The videoscope is supported with eighteen (18) months of warranty covering labour service and spare parts to provide you peace of mind. Our after-sales service team provides fast turnaround time on any maintenance circumstances as we understand your inspection equipment is critical for the success of your business.

Field of Application

Aviation, power generation, rail transit, oil & gas, food and pharmaceuticals, shipbuilding, automobile, security, customs, bridge, pre-fabrication construction, scientific research institutions, etc.

Features

1. Megapixel ultra-clear camera, 30% higher definition than ordinary megapixel camera.
2. High-definition monitor screen, resolution 1280×768, brightness 500cd/m².
3. High-power LED light source, illumination output up to 100,000 LUX.
4. Standard 32GB capacity storage for more image memory recording.
5. HDMI data output interface, supporting simultaneous screen display.
6. Real-time operating system with simple drop-down menu-driven operation.
7. Special lithium battery, power supply time of a single battery is more than 4 hours.
8. The battery supports USB/Type-C power charging, making charging convenient.
9. Portable integrated design with battery and probe only weighs 1.0kg.
10. Modular design, the probe can be replaced on site and the equipment can be interchanged with multiple specifications of probes.



Screwdriver for changing insertion tube

USB 3.0 / Type C
Micro SD card reader

4-hour spare battery

Second insertion tube

Videoscope integrated
with first insertion tube

Type C battery charger / AC adapter



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TECHNICAL SPECIFICATION OF ACE10 VIDEOSCOPE

(1) Probe Specification

Insertion Tube - Outer Diameter	1.2mm, 1.8mm, 2.0mm, 2.4mm, 2.8mm, 3.9mm, 6.0mm, 8.3mm
Insertion Tube - Length	1m, 2m, 3m, 5m up to 12m
Pixel Count	> 1 megapixel
Len (forward-view) - Depth of View	3mm-100mm, 4-120mm, 10mm-150mm, 15mm-infinity, 30mm-infinity, 50-infinity
Len (side-view) - Depth of View	2-15mm, 4-120mm
Len - Field of View	50°, 90°, 100°, 120°, 130°
Lighting Type	Fiber optic guided lighting, high output LED lighting
Lighting Brightness	Brightness up to 100,000 LUX
Light Source Life	30,000 hours or above
Brightness Control	Auto compensation or manual
Joystick Control	360° All-Way and tip actication > 140°, can control the videoscope single-handed
Probe Material	Flexible and highly wear-resistant double-layer special braided tungsten wire, coated with polyurethane
Working Medium	Used normally in diesel, aviation kerosene, hydraulic oil, lubricating oil, weak acid, weak alkali or 5% salt solution
IP Rating	IP68
Waterproof	The probe insertion tube can withstand 1bar water pressure, which is equivalent to 10.2 meters of water depth
Operating Temperature	-30°C to 100°C (working temperature range of probe insertion tube, built-in temperature sensor, with high temperature warning protection function)
Probe Interchangeable	Interchangeable probe insertion tubes, one videoscope can be interchanged with multiple probe insertion tubes of different diameters and lengths

(2) Videoscope Specification

Videoscope Dimension	320mm×145mm×70mm
Videoscope Weight	1.0kg (including battery and 6mm diameter and 1m long probe)
External Memory	32GB via SD card
Monitor	5.2" with brightness 500cd/m ² , resolution 1280 x 768
Data I/O Port	One Type-C port for high speed data transmission
Video Port	One HDMI video out for duplicate displaying synchronously
Power Supply	Input: 100-240V 50-60Hz, Ouput: 5V/3A (via Type-C port)
Battery	Special lithium battery which can work continuously for more than 4 hours (capacity: 6400mAh), recharged via Type-C port
Working Temperature	-25°C to 60°C
Relative Humidity	Max 95%, no condensation
IP class	IP65
System Language	Simplified Chinese, Traditional Chinese, Korean, Japanese, English etc
Image Format	JPEG (.JPG), supports resolution: 1920×1080, 1280×720, 960×720, 640×480, 400×400
Video Format	AVI or mp4, supports resolution: 1920×1080, 1280×720, 960×720, 640×480, 400×400
Carrying Case Dimension	5.5kg portable casing of 478mm x 387mm x 155mm, hand carry luggage for air travel

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The Company

GREEN ACE INFRASTRUCTURE ("Green Ace") is one of the most reputable maintenance service providers of infrastructure market in Asia Pacific.

With more than 25 years of in-depth market and domain knowledge, Green Ace serves customers with unparalleled responsiveness and excellence. When efficiency improvement and cost saving are top priorities, given the outstanding track record and direct sourcing capabilities, Green Ace is the partner of choice.

Green Ace is proud to serve infrastructure markets including energy, aviation, rail, and sewage treatment industries.

Regional office and warehouse are located in Hong Kong SAR.

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