



VS-4300

Handheld Video Borescope



KEY FEATURES

- 4.3" IPS colour screen (480×272)
- Selectable probe diameter: 3.9 / 5.5 / 8 mm
- Selectable cable length: 1 / 3 / 5 / 10 m
- IP67 waterproof probe, submersible to 1 m
- Optional dual-lens head: front + 70° side view

IDEAL FOR

- Automotive and engine bay inspection
- HVAC and ductwork inspection
- Plumbing and drain inspection
- Marine and machinery inspection
- Confined space and void inspection

See Further. Inspect Smarter.

The VS-4300 is a handheld video borescope with a 4.3" IPS colour screen, built for inspecting confined and hard-to-reach spaces without dismantling equipment. The semi-rigid probe holds its shape once bent, and the IP67-rated camera head can be submerged to 1 m for up to 30 minutes.

Probe diameter and cable length are selectable to suit the application, and a dual-lens head is available for combined forward and 70° side viewing in a single pass.

Supplied with a rechargeable battery and standard accessories, the VS-4300 suits automotive, HVAC, plumbing, marine, and industrial inspection.

TECHNICAL SPECIFICATIONS

VS-4300 Series Handheld Videoscope	
Sensor	CMOS, 1.0MP
Screen	4.3" IPS colour screen, 480×272
Image / Video	Image: 1920×1080 (JPEG) · Video: 640×480 (AVI) · 20 fps
Lens Type	Single lens (VS-4300) or dual lens, front + side (VS-4300D)
Probe	Diameter: 3.9 / 5.5 / 8 mm · Bending radius: 30 mm min – selectable at order
Cable	Semi-rigid snake tube · Length: 1 / 3 / 5 / 10 m – selectable at order
Optics	Depth of field: 2–10 cm (front) · 2–5 cm (side, dual lens) · FOV: 70° · Zoom: 1.0/1.5/2.0x Automatic white balance and exposure
Illumination	6 LEDs (single lens) / 6+1 LEDs (dual lens), adjustable
Waterproof Rating	IP67 – submersible to 1 m for up to 30 minutes
Power	4.2 V · 18650 Li-ion, 2000 mAh – approx. 3 hours runtime
Connectivity & Storage	Micro USB (charging/data) · TF card, max. 64 GB, Class 10 min
Product Material	ABS + PC
Operating / Storage	–10°C to +50°C, <85% RH



WHAT'S IN THE BOX

- VS-4300 videoscope handset
- Probe (diameter / length as ordered)
- 18650 Li-ion rechargeable battery
- Accessory cylinder with magnet, hook & mirror¹
- USB & Micro-USB charging cable
- Carry case and user manual

¹ Excludes 3.9 mm probe and dual-lens variants.

STANDARDS · EMC, RoHS, MSDS, UN38.3

POWER · 18650 Li-ion 2000 mAh, approx. 3 hours runtime

GENERAL SPECIFICATIONS

Code	Item	Part Number
VS-4300	Single-Lens Videoscope, 4.3" IPS – specify probe diameter & cable length	VS4300-XX
VS-4300D	Dual-Lens Videoscope, 4.3" IPS (front + side view) – specify cable length	VS4300D-XX

Probe diameter (3.9 / 5.5 / 8 mm) and cable length (1 / 3 / 5 / 10 m) are selectable at the time of order.

MASS

1.2 – 1.9 kg (packed, varies with cable length)

OPERATING

–10°C to +50°C, <85% RH

WARRANTY

1 year (subject to product registration)

PACKAGE SIZE

31.5 × 29 × 11 cm

STORAGE

–10°C to +50°C, <85% RH

CERTIFICATION

EMC, RoHS, MSDS, UN38.3