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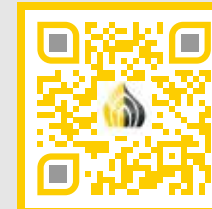
ООО "Энерджи Девелопмент"

Automotive controlled videoendoscope for smartphone COANTEC X1



COANTEC X1

Наш сайт



You Tube



Features

- Recording photos and videos in HD quality
- Lightweight and practical
- Comfortable joystick-shaped handle, one-click photography
- Adjustable LED illumination
- Push-button Zoom image
- Swivel folding smartphone holder
- Precise control joystick
- 360° rotation of probe camera
- Waterproof and dustproof probe IP67
- Resistant to high temperatures
- Easy to set up and operate
- Battery life up to 14 h.

Brief description

COANTEC X1 is a new model that combines an industrial boroscope and a smartphone to provide a complete visual inspection in hard-to-reach areas. The endoscope features a mechanical joystick to control the 360° rotation of the camera probe, allowing the user to inspect the interior of objects via a cell phone app, take photos and videos, adjust brightness and image quality, and generate reports with a single touch. Easy to set up and operate, the X1 is suitable for use in a wide variety of applications such as vehicle maintenance, sewer inspection, appliance repair, industrial inspection, etc.



X1

Vehicle engine inspection

Efficiency features

Lightweight, compact, comfortable housing

Robust housing made of high-strength ABS material safely protects you if you drop it. The light weight and compact size will allow for quick inspection.



Joystick handle, one-touch photo

Comfortable handle with ergonomic design better follows the curve of the palm and provides a secure grip. One-click photo and video capture for greater convenience and speed.



Swivel folding bracket

Attach the cell phone to the rotating bracket. Move forward and backward to easily adjust the angle of view. The bracket is suitable for cell phones of different sizes.



Mechanical button for zooming in and out of the image

A mechanical zoom button at the top of the handle allows you to zoom in and out during inspection.



Efficiency features

Adjustable LED illumination

The brightness of the backlight is adjusted with dedicated buttons, eliminating the need to switch by successive increases in brightness, saving time and effort.



Precise control joystick

A mechanical joystick provides full visibility. With no delay in operation, the probe penetrates hard-to-reach places.



360° steerable, water-, dust- and wear-resistant inserted part

The probe bends 360° for an all-round view of the object without blind spots. The inserted part has IP67 protection degree and prevents the ingress of dust. The operating time in water at a depth of 1 meter is 1 hour.



Ultra-long standby time, long battery life

The device's high-capacity replaceable battery supports your phone's depleted battery, providing ultra-long standby times and extended battery life.



Top performance features



Easy and safe storage of the probe

At the bottom, the handle design is made with an additional fastener, allowing the inserted part to be quickly rolled up and secured, for the equipment to be well-kept and safe.

Easy to set up and operate

Connect your cell phone via Type C cable and install Coantec software (for Android and Iphone) for inspection, photo and video capture. Clear interface, easy to operate - even a beginner can quickly master it.



Technical specifications

MAIN UNIT	
Display	External cell phone or video recorder
Image magnification	5x image magnification
Backlight	Adjustment with the brightness increase and decrease buttons
Dimensions	156 x 56 x 48 mm
Main unit weight	0.75 kg (with battery pack)
Output socket	Type C
SOFTWARE FEATURES	
Settings for autoloading items	The company logo and background image can be set independently
Resolution	1280 x 720, 640 x 480
Image settings	Adjusting brightness, contrast, hue, saturation, sharpness, gamma
Rulers	Transverse, sector, grid reference lines, off
Watermark with time	Yes
Watermark with place	Yes
Image Comparison	Split screen for comparing saved images and live images
Image rotation	Virtual keys for controlling 360° rotation of images
Orientation	Landscape/portrait/automatic
Generating reports	Available (information such as logo, name, model specification, specialist conducting the inspection can be specified)
Saving images	Taking pictures, recording video
Image editing	Draw, text, mask, crop, rename, delete, rotate, etc.
Video processing	Renaming and deletion

OPERATING PART (PROBE)	
Probe diameter	6.6 mm.
Material of the distal part	High-strength tungsten
Material of the operating part	Wear-resistant polymer
Probe length	1,0 m
Video camera resolution	1,000,000 pixels
View direction	Direct overview
Depth of focus:	from 8 mm
Angle of view	120°
Light source	Front LED
Probe control	360° rotation
Angle of bending of the probe in one direction	≥180°
Control method	Mechanical joystick
Temperature display	Yes
Water resistance	Probe IP67, main unit IP55
Safety device	Yes
Oil- and corrosion-resistant inserted part	Oil-resistant, corrosion-resistant inserted parts can be manufactured to order
Probe water resistance	IP67

POWER	
Power supply	Rechargeable lithium battery
Battery capacity	2200 mAh, 3.7 V
Battery life	When using an external recorder >5 h, when using an external cell phone >14 h
OPERATING CONDITIONS	
System operating temperature range	- 10°C...50°C
System operating temperature range	- 25C...55°C
Storage temperature	- 40°C...70°C
DELIVERY SET	
Standard delivery set	Videoendoscope X1 - 1 pc, storage and transportation case - 1 pc, rechargeable battery - 1 pc, charger - 1 pc, card reader - 1 pc, memory card 8 GB - 1 pc, wrist strap - 1 pc, user manual - 1 ex.
Optional	Micro-HDMI cable, cooling system, magnetic base



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