

VCP

IR POLE INSPECTION CAMERA



Product Overview

The VCP IR Pole Inspection Camera is a cutting-edge video observation system engineered for ultimate portability and adaptability. Its lightweight design allows seamless navigation in confined spaces, elevated areas, and challenging locations such as roofs, ceilings, and under vehicles. Equipped with an electronically controlled 360-degree tilt camera, it provides a full panoramic view, ideal for inspecting large or intricate areas. It ensures clear visibility even in total darkness, making it an essential tool for security, maintenance, and tactical operations.

Key Features

- Carbon fiber construction ensures a light, yet durable design for portability.
- Professional imaging sensor yields superior image quality.
- Automatic backlight compensation and a wide angle field of view of 125° promotes easy observation.
- Dual PTZ provides 300° of vertical view and a full 360° horizontal view.
- IR illumination extends up to 3 meters, allowing clear observation of even dark environments.
- 7" high resolution monitor and integrated SD card provide image and video recording capabilities for future review and analysis.

Main Components



Tablet Monitor



360° PT Talkback Camera Lens



Carbon Fiber Pole

Specification

Camera

Dimension:	39 × 163 mm
Rotation:	360° horizontal cyclic rotation at 12 rpm 270° vertical rotation
Audio:	Built in microphone (-48dB) and speaker (1W) support voice intercom
Lens:	SONY CMOS (5MP: 2560 × 1944) 3.6mm F1.2 (H)128 ° view distance 0.4 ~ 5 m
Light	Built-in 12pcs IR 940nm LED beads PWN 10-level brightness adjustment

Carbon Fiber Pole

Length:	5.04 meters when all 5 sections are extended, 1.20 meters when contracted
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Image Parameters

Photo:	JPG (2MP 4MP 8MP 12MP)
Video:	H.264 MP4 (4K 2K-5M 2K-4M 1080P)

Carrying Case

Dimension:	124 × 26 × 12 cm (L×W×H)
Weight:	6.1 kg (including all other items)

Tablet Monitor

Dimension:	210 × 140 × 23 mm
Weight:	600 g
Screen type:	7-inch LCD IPS capacitive touch screen
Screen	Resolution 1280 × 800 px peak brightness
Parameter:	500 nits
Storage:	External 64GB TF card with read speed > 600 M/s
Battery:	5000mAh rechargeable lithium battery, working time 6 hours
Power Supply:	DC 12V/2.5A
Language:	Simplified Chinese / Traditional Chinese / English / Korean / Russian / German / Ukrainian / French
WiFi:	802.11 a/b protocol, 2.4000-2.4835Ghz band, power <16dBm
IP Rating:	IP 65
Position:	Fixed on pole, manually adjustable orientation
Accessory:	Hood (default) , battery box (optional)

Application Scenarios



Other accessories

Earphones



Extension connector



Hood

