

# Coantec CP35 series Police Borescope

- Infrared imaging technology, ultra-far observation distance
- Night vision / white light insertion tube autonomous replacement system
- Micro Probe 360° all-way articulation
- Real-time monitoring / photo / video function
- Sound collection function (optional)
- RF and WIFI modules for wireless image transmission (optional)
- Simple operation, light and portable
- Passed the certification of the Ministry of Public Security Authoritative Testing Center



**Criminal Investigation / Explosion / Security /  
Anti-smuggling / Search and Rescue**

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YouTube



Facebook



Coantec Website

## Anti-terrorism Rescue



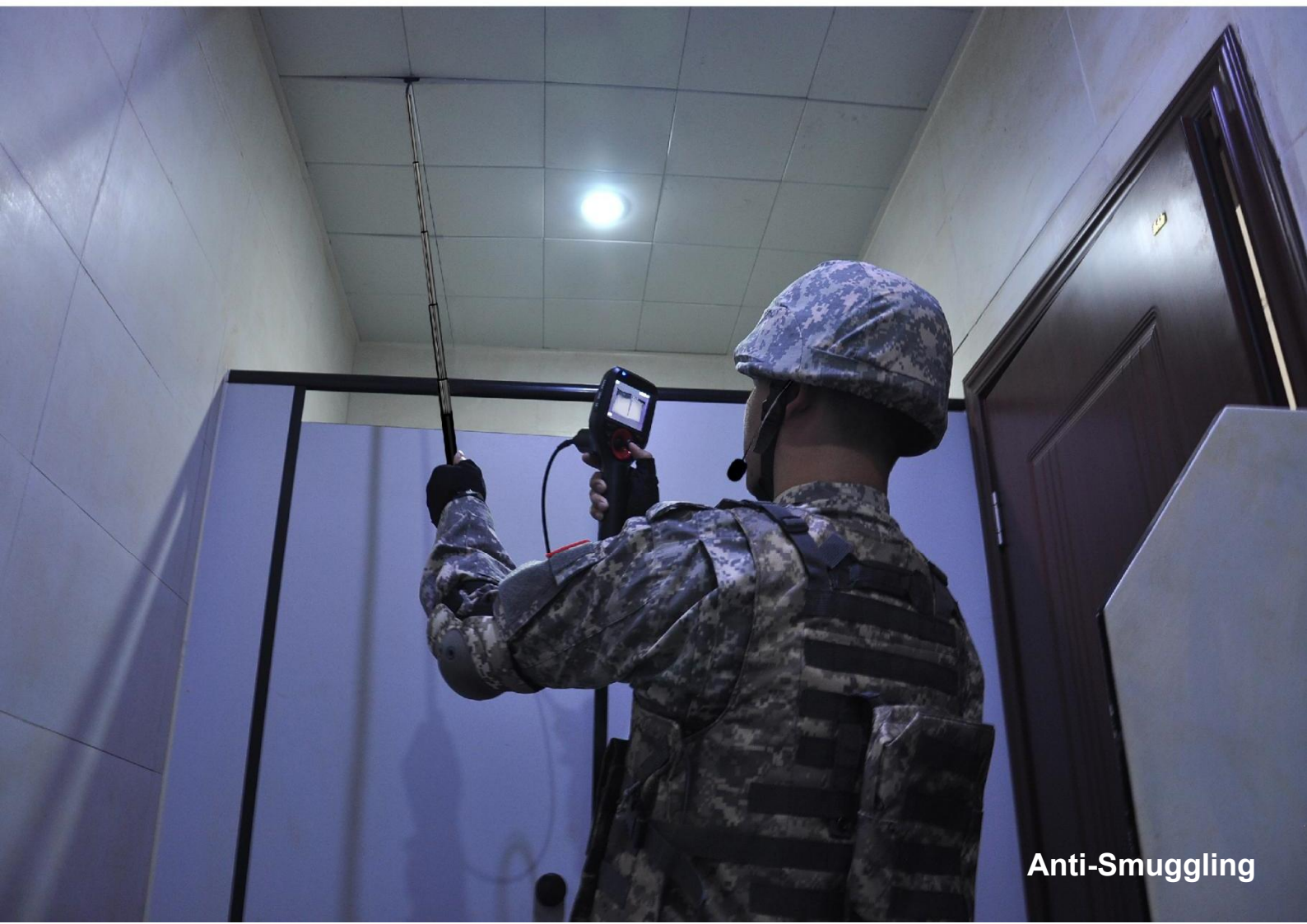
## Customized Services

We provide more customized services, we can add the functions according to your request:

- Tube length, diameter and lighting mode can be customized
  - Software function customization
- For more customized solutions, please contact us.



Security Explosione



Anti-Smuggling

## Product introduction

Ultra-light and portable, the whole machine weighs about 450g (with battery)

Real-time one-button taking photo/video function, economic and easy to operate



Double-tungsten alloy wire braided four-layer insertion

This product is a flexible police borescope with infrared night vision function. The whole machine adopts integrated hand-held design, which is light and portable. The probe can be 360° all-way articulating to observe without dead angle. Users can monitor in real time through the LCD screen, as well as taking photos and recording videos. The optional WIFI module can transmit the collected image data to the mobile terminal for remote monitoring. The products are suitable for public security, armed police, fire, procuratorate, customs and other relevant personnel to carry out criminal investigation, detonation, security inspection, anti-smuggling, search and rescue, etc.

## Optional RF, WIFI module



Users can select RF and WIFI modules according to their requirements, and transmit real-time detection images wirelessly to receiving terminals, such as mobile terminals (application software must be installed in advance, support Android and IOS systems) to achieve remote monitoring.

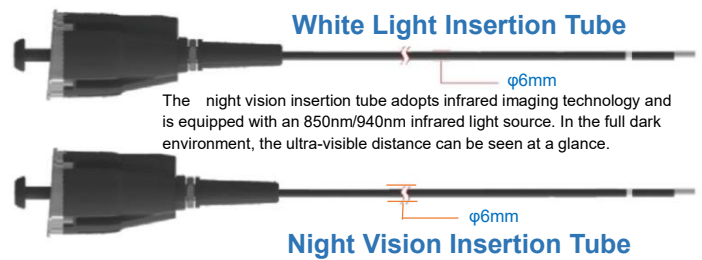
## Excellent image processing technology



Using 3.5", 640\*480 resolution high-definition LCD screen, image processing technology can effectively highlight the details of shadows and highlights, the image is more clear and delicate. The image can be enlarged by 4 times, and the still image can be enlarged by 8 times, which makes it easier to observe the details of the image.

## Insertion tube replaceable system

With the insertion tube consumable design, the user can independently replace the white light or night vision insertion tube of different specifications according to the requirements, and complete the tube replacement process within 30 seconds to realize multi-purpose use of one machine and save cost.



White Light Insertion Tube

φ6mm

The night vision insertion tube adopts infrared imaging technology and is equipped with an 850nm/940nm infrared light source. In the full dark environment, the ultra-visible distance can be seen at a glance.

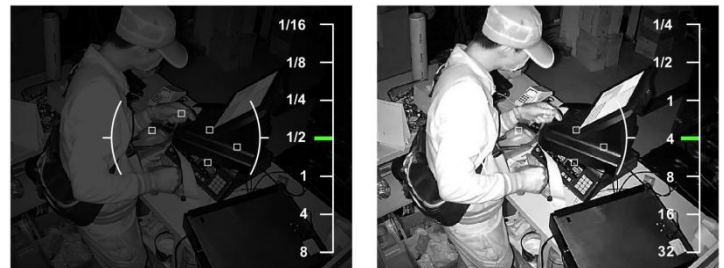
φ6mm

Night Vision Insertion Tube

## Photo / Video / Sound Collection Function

The observation probe integrates an audio module, the user can perform image, video, and sound collection in real-time screen monitoring and voice monitoring to obtain more complete investigation and forensic data.

**Exposure time adjustable** (When the illumination intensity remains unchanged, the picture definition is improved by changing the exposure time)



The 3.5-inch, 640 \* 480 resolution high-definition LCD screen is adopted, and the image processing technology can effectively highlight the details of shadows and highlights, making the image clearer and more delicate. The real-time image can be magnified by 4 times and the static image can be magnified by 8 times, which is convenient for more detailed observation of image details.

## Technical Specification

Host	
Display Dimension	3.5-inch HD display
Display Resolution	640*480
Digital Zoom	Support real-time 4x zoom ,8x partial zoom when playback
LED Brightness Level	0-7 level adjustment
Photo/Video	Can take images and videos, and snapshot when recording
Night vision ability	It can recognize A4 paper size objects 10m away in full black environment
Pickup function	It can pick up weak audio signals outside 3M
Document Format	Image:JPEG/BMP; Video:MP4
Image Rotation	0°/90°/180°/270°
Time Watermark	Yes
ScreenBacklight Brightness	3 -level adjustment
Time of exposure	Adjustable
Frame rate	Adjustable
Output Port	Mirco HDMI
Menu Language	Simplified Chinese,Traditional Chinese,English,Japanese,Korean, French,German,Portuguese,Spanish,Russian etc.
Host Dimension	240mm*102mm*126mm
Package Dimension	411mm*321mm*165mm
Host Weight	≤0.45kg(include battery)

Tube		
Replaceable Insertion Tube	Infrared night vision insertion tube	White light insertion tube
Probe Diameter (±0.1mm)	Φ6	Φ6
Pixels	1000,000	1000,000
Wavelength	850nm/940nm	/
Tube Length	1-3m	1-7m
Depth of Field	100mm-∞	8-80mm
View Direction	Forward view	Forward view
Lighting Mode	Rear optical fiber guide/Front LED lighting	
Joystick Control	360° all-way articulation	
Guided Control Method	Mechanical control	
Tube Material	Tungsten alloy wire wear-resistant braided tube	
Compatibility	Pipelines of different specifications can be replaced independently	
Bending Angle	≥150°	≥150°
Field of View	70°	85°

Power	
Power Supply Method	Rechargeable lithium battery
System Operating Time	≥4H

Operation Environment	
Machine Operating Temperature	-10°C-50°C
Probe Operating Temperature	-20°C-60°C
Storage Temperature	-20°C-60°C
Relative Humidity	15%-90%

<b>Configurations</b>	
Standard Configurations	CP35 videoscope x1,instrument case x1,lithium battery x1, charger x1,8G TF card x1,user manualx1,precautions for use x1,Microphone x1