

Coantec CP40 series **Police Borescope**

- Fully concealed design
- Equipped with a quick-fit foldable display
- Photo/video/sound collection function
- Image C gesture recognition flip function
- Replaceable insertion tube system
- Adjustable diopter military OLED display
- Flash/lighting/rescue SOS function
- Equipped with detachable military shoulder strap



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



Anti-terrorism Rescue

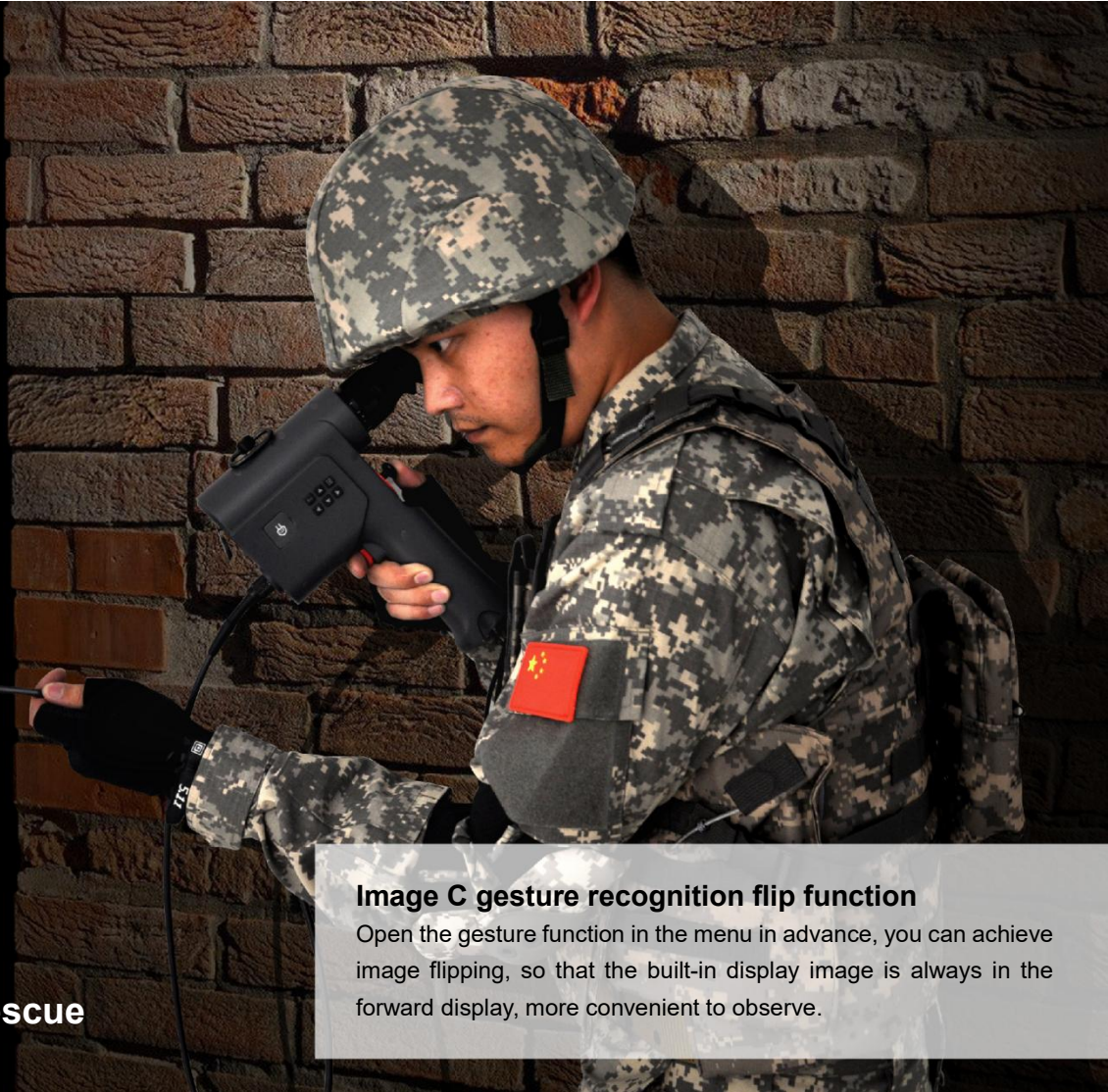
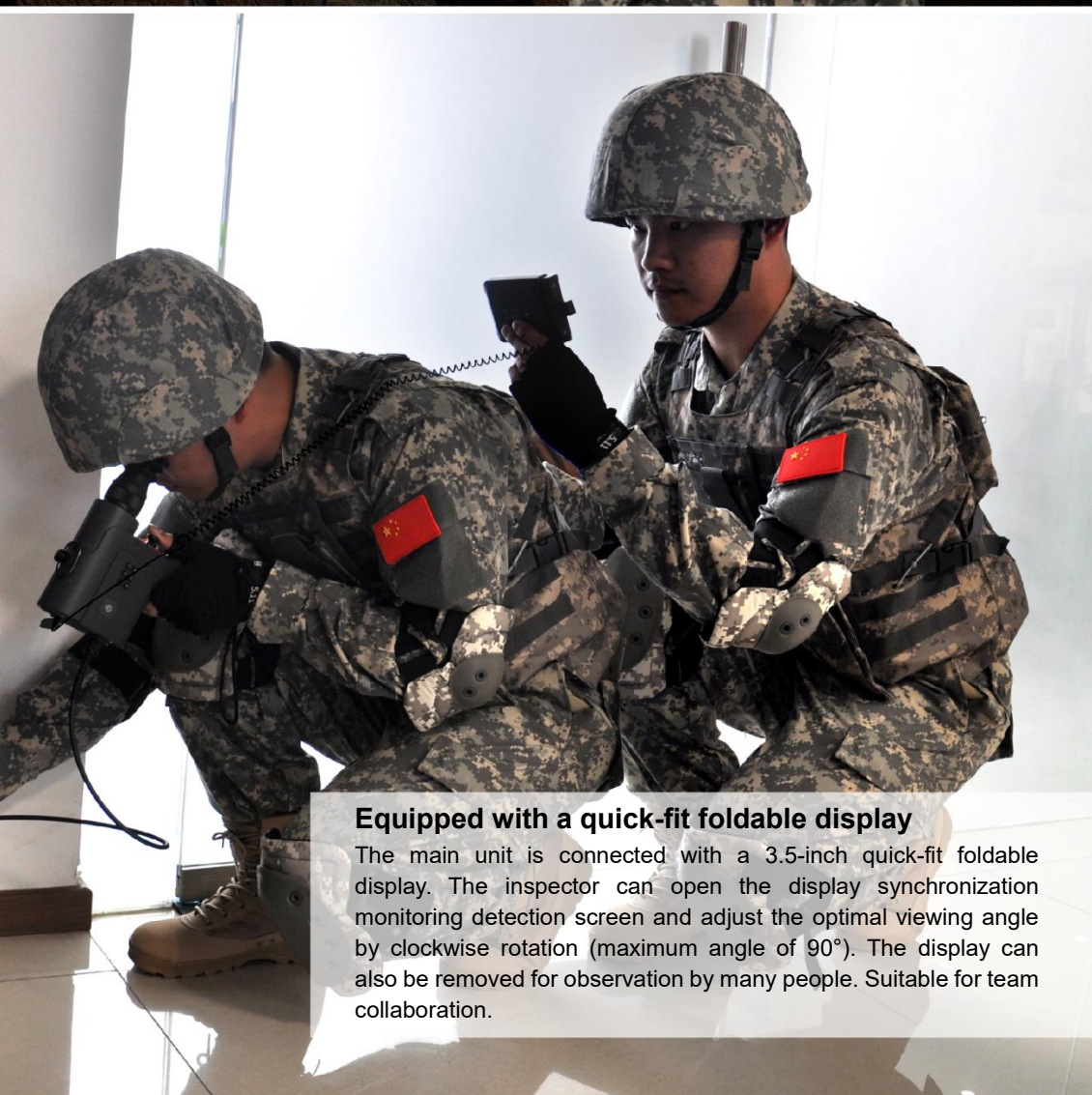


Image C gesture recognition flip function

Open the gesture function in the menu in advance, you can achieve image flipping, so that the built-in display image is always in the forward display, more convenient to observe.

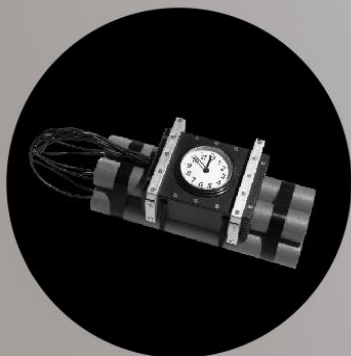


Hunting track



Equipped with a quick-fit foldable display

The main unit is connected with a 3.5-inch quick-fit foldable display. The inspector can open the display synchronization monitoring detection screen and adjust the optimal viewing angle by clockwise rotation (maximum angle of 90°). The display can also be removed for observation by many people. Suitable for team collaboration.



Photo/video/sound collection function

The front probe integrates an audio module, which makes the inspector can not only see what is happening through the screen, but also hear what is said. In the real-time monitoring, it is also possible to collect images, videos and sounds at the same time, so that the data for investigation and evidence collection is more complete.

• When you need to hide, do not open the display, you should use monocular observation to avoid exposure

Adjustable diopter military OLED display

The inspectors can adjust the diopter by rotating the diopter adjustment knob on the eyepiece according to their own vision, and adjust the image of the built-in OLED display to the clearest state for better viewing field.

Flash/lighting/rescue SOS function

Equipped with a tactical flashlight, the flash/lighting/rescue SOS function can be quickly switched by pressing the button. High light intensity for nighttime auxiliary lighting. In case of emergency, the relevant personnel can be alerted or the SOS rescue signal can be sent by the flashing function.



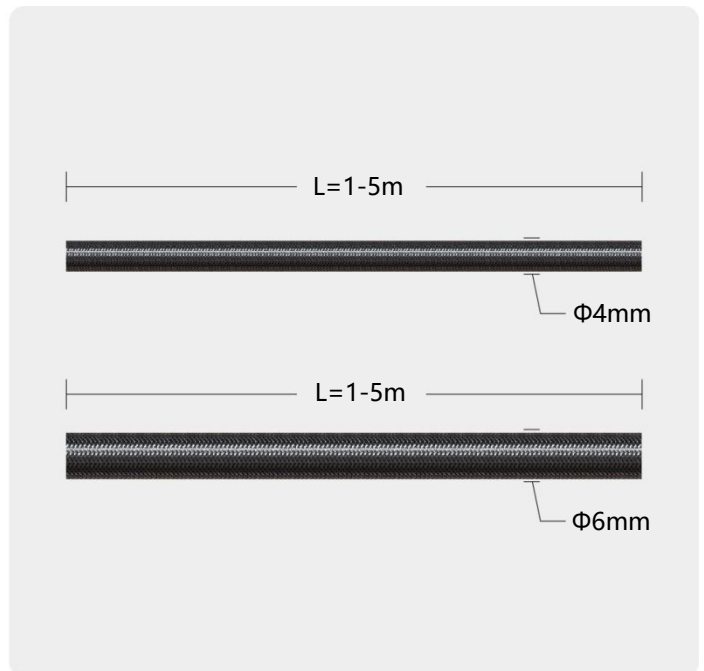
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Replaceable insertion tube system

The CP40 series can be customized with different specifications of insertion tubes to better suit different working environment. Specially equipped with a 1 megapixel tube for explosion exclusion, users can quickly replace it.



Parameter Configuration

System	
Fully concealed design	The probe and display without light source, the whole machine is non-reflective.
Insertion tube replaceable system	One host can be replaced insertion tube of different lengths and depth of field
Insertion tube material	Tungsten alloy wire braided tube
Insertion tube working length	1-5m
Bending control	Mechanical damping joystick
Articulation	360° all-way
Probe unidirectional bending angle	150°±10°
Lighting Mode	Front LED light/Rear-mounted LED, optional fiber
Infrared LED wavelength	940nm
Image zoom	4 times zoom
Brightness level	Manual 7-level adjustment
Display	Visual 0.6" OLED display
OLED display resolution	800×600
Viewing mode	Monocular viewing
Diopter	±5°
External display	3.5"/5" foldable LCD display
External display resolution	320×240
Time delay exposure	1-30s adjustable

C gesture function	Built-in G-sensor for C gesture to control image flip
Tactical flashlight	With glare flash, emergency lighting and SOS help function
Image resolution	640*480
Video resolution	640*480
Photo/Video function	With photo/video/sound collection function,can capture image \when recording.
Recording function	Built-in microphone on the front of the probe for recording
File format	The image is stored in BMP format and the video is in MP4 format.
Image preview	Two modes of the list and the nine-square grid viewing,in the preview mode, you can view the image in full screen/delete the image/add the time watermark.
Memory	Standard 8G TF card,support 32G at maximum
Protective device	Buffer protection device to connect the host and wear-resistant tube
Protective performance	The insertion tube is waterproof, oil resistant and corrosion resistant
Disassembly design	Military detachable buckle
Host weight	About 1.1kgs(with external display)
Waterproof	Host IP55,Probe IP67
Audio	Headphone interface

Camera	
Probe diameter	Φ6mm±0.1mm
Pixels	450,000
Probe material	Titanium alloy
Depth of field	500mm-∞
Night vision observation distance	1-5m
Field of view	57°
Direction of view	Forward view

Technical parameters of power supply	
Power supply	High capacity lithium battery module
Working voltage	DC7.4V
System operating time	≥3 hours

Operation environment	
System operating temperature	-10-50℃
Probe operating temperature	-20-60℃
Storage temperature	-20-60℃
Relative humidity	15-90%

Instrument configuration	
Standard configuration	CP40 Borescopex1, Special instrument casex1, Card readerx1, 8G memory cardx1, Rechargeable lithium batteryx1, Battery chargerx1, Documentx1, Military shoulder strapx1, Anti-fall hand strapx1, Megapixel white light insertion tubex1
Optional configuration	RF module,Wireless 3.5-inch display,Wireless 5-inch display