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ООО "Энерджи Девелопмент"

Tactical screening videoendoscopes



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COANTEC CP35

Features

- Infrared night vision and ultra-long observation distance
- Autonomous operating part replacement system for night vision/with backlight
- 360° bending microprobe with camera
- Surveillance functions/photo and video shooting
- Sound data accumulation function (optional)
- Wi-Fi for wireless image transfer (optional)
- Certified by the testing center of the Ministry of Public Security of China



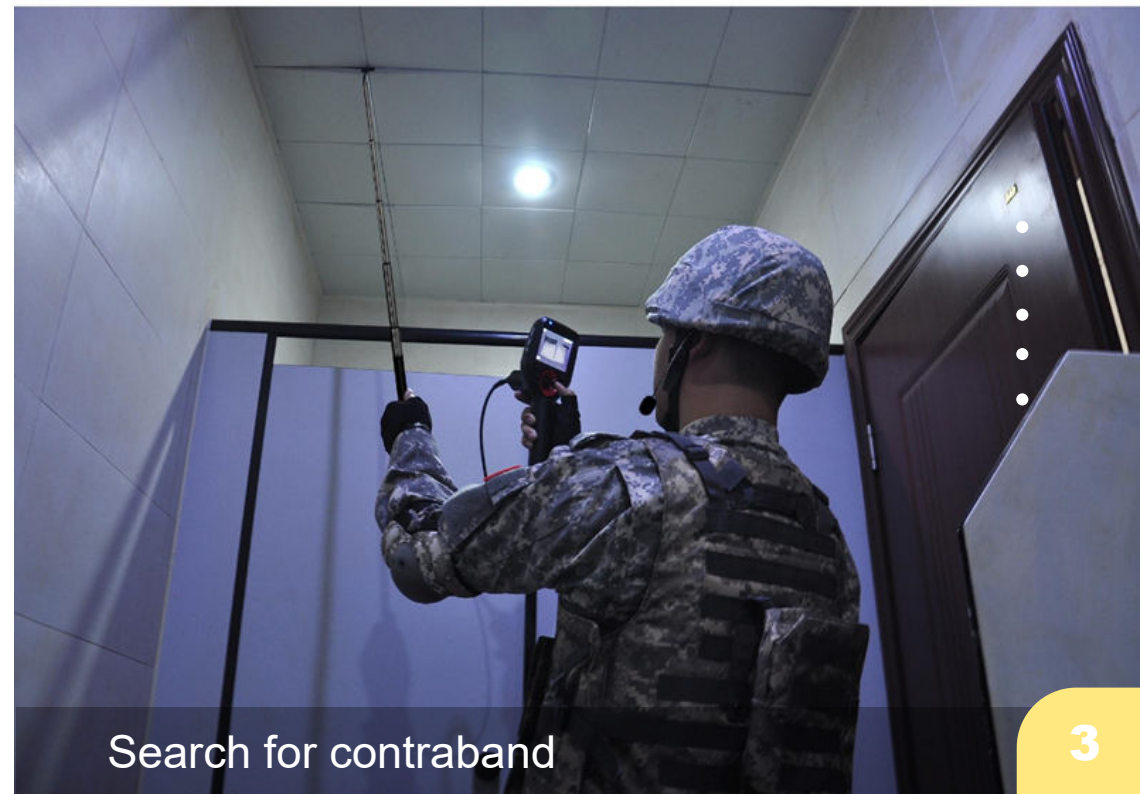
Counter-terrorist rescue operation

Scope of application:

- criminal investigation
- covert surveillance
- search for explosive devices
- security
- search for contraband
- search and rescue operations



Search for explosive devices



Search for contraband

Brief description

COANTEC CP35 are multifunctional tactical videoendoscopes with infrared night vision. The videoendoscope is made in a single housing and is portable, lightweight and compact. During the inspection, the probe bends 360° in all directions, and there are no blind spots. The user performs control via the LCD display and also takes photos and videos. An optional Wi-Fi module transmits collected images to a mobile terminal for remote monitoring.

The COANTEC CP35 is suitable for use by public security officers, armed police, firefighters, prosecutors, customs officers and similar personnel for operational activities, explosive device searches, covert surveillance, security checks, contraband searches and search and rescue operations.

Ultra lightweight and compact, the device weighs 450 g (including batteries).

Surveillance function, photo and video shooting, economical and easy to operate.



The inserted part is in a double four-layer tungsten alloy braid.

Probe replacement system

Thanks to the universal design of the operating part (probe), the user can freely replace a backlit probe or a night vision probe with another probe with the required technical characteristics, working with one videoendoscope to solve many problems and save money. The complete probe replacement process takes no more than 30 seconds.



Optional Wi-Fi module

With the built-in Wi-Fi module, images can be sent to receiving stations such as smartphones (pre-installed Android mobile app required) for remote monitoring.



High-quality image

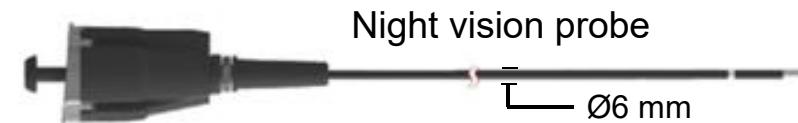
The videoendoscope captures photos and records high-definition video to facilitate high-quality, detailed diagnosis and analysis.

Benefits

The observation probe has a built-in sound module. The user can use the photo, video and sound storage function to obtain more complete data for analysis and evaluation.



Infrared night vision technology is used in the operating units. They are equipped with an 850 nm/940 nm IR source. In total darkness, it helps to easily distinguish any objects at a great distance.



Technical specifications

| MAIN UNIT | |
|--|--|
| Display dimensions | 3.5" high-definition display |
| Display resolution | 640x480 |
| Digital zoom | 4x in real time, 8x photos |
| Backlight brightness | Level adjustment 0-7 |
| Photo/video | Photo and video recording, photo at video recording |
| Night vision function | The device can distinguish objects the size of an A4 sheet at a distance of 10 m in complete darkness |
| Sound recording function | The device can record weak sound signals at a distance of more than 3 m |
| File Format | Images: JPEG/BMP; video: MP4 |
| Image rotation | 0°/90°/180°/270° |
| Watermark with date and time data | Yes |
| Screen background backlight | 3 levels of adjustment |
| Frame rate | Regulated |
| Output socket | Micro HDMI |
| Menu language | Simplified Chinese, Traditional Chinese, English, Japanese, Korean, French, German, Portuguese, Spanish, Russian, etc. |
| Dimensions of the main unit | 240 x 102 x 126 mm |
| Package dimensions | 411 x 321 x 165 mm |
| Main unit | <0.45 kg (including battery) |

| OPERATING PART (PROBE) | | |
|-----------------------------------|--|------------------------------|
| Replaceable operating part | With night vision (infrared) | With night vision (infrared) |
| Probe diameter (± 0.1 mm) | $\varnothing 6.0$ | $\varnothing 6.0$ |
| Pixel count | 1 000 000 | 1 000 000 |
| Wavelength | 850 nm/940 nm | - |
| Length of the inserted part | 1-3 m | 1-7 m |
| Depth of focus: | 100 mm – ∞ | 8 – 80 mm |
| View direction | Straight | Straight |
| Joystick control | 360° tilt in all directions | |
| Type of joystick control | Mechanical control | |
| The material of the inserted part | Wear-resistant tungsten alloy shell | |
| Compatibility | Inserted parts with different characteristics are easy to change | |
| Bending angle | $\geq 150^\circ$ | $\geq 150^\circ$ |
| Angle of view | 70° | 85° |
| POWER | | |
| Power supply | Rechargeable lithium battery | |
| System operating time | >4 h | |

| OPERATING CONDITIONS | |
|---|---|
| System operating temperature range | - 10°C...50°C |
| System operating temperature range | - 20°C...60°C |
| Storage temperature | - 20°C...60°C |
| Relative humidity | 15%...90% |
| DELIVERY SET | |
| Standard delivery set | COANTEC CP35 videoendoscope - 1 pc., transport case - 1 pc., battery - 1 pc., charger - 1 pc., HDMI cable - 1 pc., 8 GB memory card - 1 pc., card reader - 1 pc., user manual - 1 copy. |



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