XCOUSTIC mini X40

Remote Audio Monitoring Device
Powered by Laser & Light Wave Technology

mini
X
XCOUSTIC

Up to
40m
Effective Range

PRODUCT OVERVIEW

The system adopts Doppler diffuse reflection optical laser technology, matrix detection technology, auto digital focusing technology and other innovative achievements.

With long distance, no preset, and non-contact application environment, it can realize the synchronization of target sound information tens of meters away. Collection, which effectively meets the needs of relevant departments for the collection of target sound information, is an important means to obtain sound information.

The system has obvious advantages in sub-nanometer weak vibration measurement and weak return light detection capability, and has outstanding advantages in target medium adaptability, working distance, window angle and so on.

The system is highly integrated, easy to operate, easy to carry, and quick to deploy, and;

HIGHLIGHT FEATURES

- **Distance sound pickup** - Equipped with automatic focusing function, it can accurately locate the sound pickup area, and the sound pickup distance upto tens of meter;
- **Lightweight and convenient** - The equipment weighs less than 2.5KG, making it the smallest and lightest among similar equipment and easy to carry;
- **Easy to operate** - There are few steps to operate: power on-> point-> focus->play sound, the device is quickly deployed and easy to use. Mobile phones, tablets, and computers can all pick up sound through mobile networks or Wi-Fi connections, and operate through software to achieve human-machine separation and wireless control;
- **Strong penetrating power and wide application range** - Lasers can penetrate glass and collect audio information.
- **Scope of application:** Including common indoor furnishings (paper boxes, curtains, paper table tags, paper bags, etc.); common outdoor furnishings (billboards, trash cans, license plates, etc.);
- **High stability and anti-interference** - The laser collects audio in a small range to avoid interference from the surrounding environment, and uses advanced algorithms to perform multiple processes such as noise reduction, equalization, and filtering on the audio to restore stable, high-fidelity audio;
- **Audio and video integration** - The software interface has video functions to achieve audio and video integration;
- **With ranging function** - Ranging range: Up to 40m, ranging accuracy:< ±3cm.
- Monitoring capabilities on a wide range of materials: It is possible to pass through single clear glass windows. Paper, leather, cloth, plastic, metal and other material objects can be used as the target medium.
- Optional additional noise reduction functions that has high voice recognition ability.
- Multi-functional mobile operation terminal is wirelessly connected with the host, which integrates "viewing, aiming, listening, recording and transmitting" to realize remote control operation.
- Using invisible infrared laser, low power and safe.
- Multi-power mode, (optional) built-in battery design improves the flexibility of the system.

MAIN COMPOSITION	
1. Xcoustic Unit	2. Android Operating Terminal
3. Headphones	4. Tripod (optional)
5. High-Precision Fine-Tuning Gimbal (otptional)	6. Cable Set
7. Field backpack / Rugged Field Equipment Case	8. Accessory

Rugged Field Equipment Case Color option

Custom Design Available

Custom designs are available for clients such as law enforcement agencies, specifically tailored to meet the stringent environmental and operational requirements essential for successful covert operations. These designs enhance their ability to gather intelligence efficiently and effectively while maintaining a discreet low profile in public area.

TECHNICAL SPECIFICATION	
Working Distance	Up to 40m
Transfer Method	Wired/Wireless transmission
Recording ability	Long range recording, stable, recognition rate ≥ 90% 65dB (In A Good Environment)
Laser	1550nm Infrared laser wavelength
Camera	Built-in wide-angle color CCD telephoto sensitivity ≤1lux night vision CCD
Communication	Built-in Wi-Fi module for wireless connection with operator terminal
Interface	Power interface
	Data transfer interface
	Wifi antenna interface
Power Supply	AC220V/battery Working voltage: 12V
	Built-in time: ~3 hours Lithium battery capacity: >300mAh
Host Weight	2.5kg
Host Size (mm)	160x160x68
Operating Temperature	-10℃～+40℃
Recording	Audio and video simultaneous recording format: mp4

Note: All design, features, contents, functionality and specifications of products described are subject to change without notice. Please check for the latest update.