



# NON-LINEAR NODE DETECTOR

ELECTRONIC DEVICE SEARCH INSTRUMENT



# NONLINEAR NODE DETECTOR

Nonlinear node detectors can detect any electronic devices hidden in walls, floors, ceiling lighting fixtures, furniture, or containers. Regardless of whether these electronic devices are emitting signals or turned on, they can alert through various means such as display, vibration, and sound prompts, allowing detection personnel to focus on hidden targets.

The transmitting end of the nonlinear node detector emits S-band fundamental waves towards the target area or object, while the receiving end captures the second and third harmonics generated by the target object. Artificial intelligence algorithms are used to analyze the harmonic laws, thereby detecting and identifying electronic devices with nonlinear nodes.

# PRODUCT HIGHLIGHTS

COMPLETELY INDEPENDENT INTELLECTUAL PROPERTY RIGHTS ARE NOT SUBJECT TO FOREIGN TECHNOLOGY IMPORT RESTRICTIONS, ENSURING GREAT SECURITY

ESPECIALLY FOR SIM CARD DEVICES, IT HAS A HIGH FLEXIBILITY DENSITY TO ENSURE THAT CONFIDENTIAL RECORDS AND MOBILE COMMUNICATION DEVICES CAN BE QUICKLY DETECTED

THE INTERFACE IS SIMPLE AND INTUITIVE, WITH FEW AND SIMPLE BUTTONS, MAKING IT EASY FOR MANUAL OPERATION

QUICKLY AND EFFECTIVELY IDENTIFY SEMICONDUCTOR DEVICES AND EQUIPMENT

USING 2400MHZ RF DETECTION TECHNOLOGY, HIGH-PRECISION POSITIONING CAN BE ACHIEVED

MEETS ELECTROMAGNETIC RADIATION REQUIREMENTS AND IS ABSOLUTELY SAFE FOR THE HUMAN BODY

LOW FALSE ALARM RATE

## APPLICATION SCENARIOS

### BUSINESS SECURITY

DETECT UNAUTHORIZED ELECTRONIC DEVICES HIDDEN IN THE COMPANY'S BOARD MEETING ROOM OR CONFIDENTIAL OFFICE, SUCH AS LISTENING DEVICES, MOBILE PHONES, AND SIM CARD CONTAINING DEVICES.



### PUBLIC SAFETY

DETECTING HIDDEN AND PROHIBITED ELECTRONIC DEVICES SUCH AS DETONATORS, REMOTE CONTROLS, ETC. WITHIN SAFE AREAS



### PERSONAL PRIVACY PROTECTION

HIDDEN FILMING AND RECORDING DEVICES IN RESIDENTIAL AREAS, HOTELS, ETC., SUCH AS RECORDING PENS, CAMERAS, ETC



# PRODUCT PARAMETERS

WORKING FREQUENCY BAND	2400MHz
WORKING VOLTAGE	8.4V
RECEIVE 2ND~3RD HARMONIC RANGE	4.808GHz-4.944GHz 7.212GHz-7.416GHz
FREQUENCY RANGE	2.404GHz-2.472GHz
PULSE MODE TRANSMISSION POWER (MAXIMUM)	0~4W (ADJUSTABLE)
RECEIVING SENSITIVITY	≤-140dbm
RECEIVE DYNAMICALLY ADJUSTABLE RANGE	30db
WORKING HOURS	2HOUR (4 HOURS OF STANDBY TIME)
DETECTION DISTANCE	GPS MODULE : 400-500mm MOBILE PHONE : 180-220mm SIM CARD : 90-120mm
DETECTION DISTANCE	548*170*113mm 1.6kg

# PRODUCT DISPLAY





