



**POLICE LAW  
ENFORCEMENT**



**VIP  
SECURITY**



**MILITARY  
SECURITY**



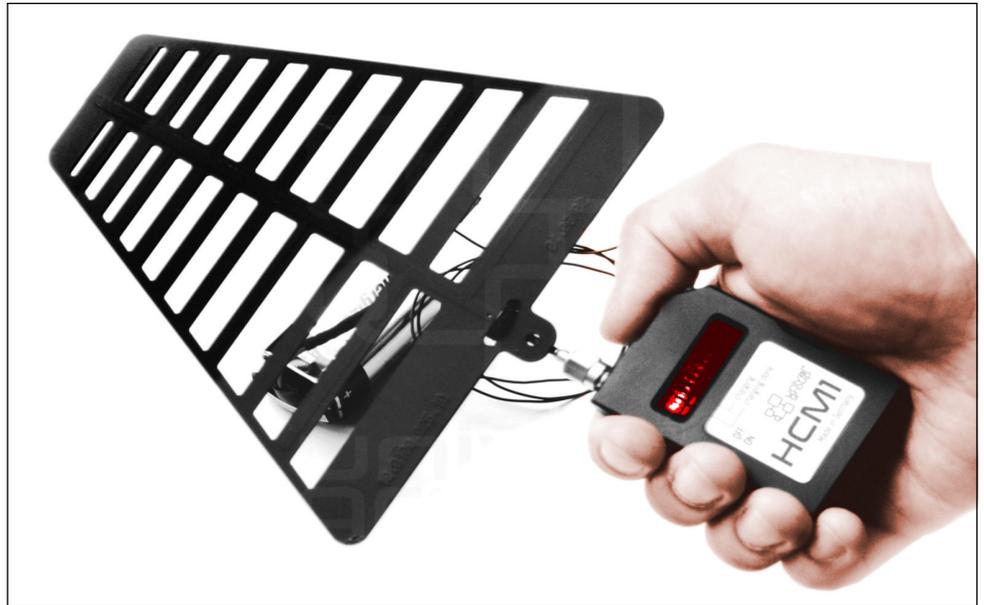
**FRONT DESK  
SECURITY**



**INTELLIGENCE  
AGENCIES/STATE  
SECURITY**



**MADE IN  
GERMANY**



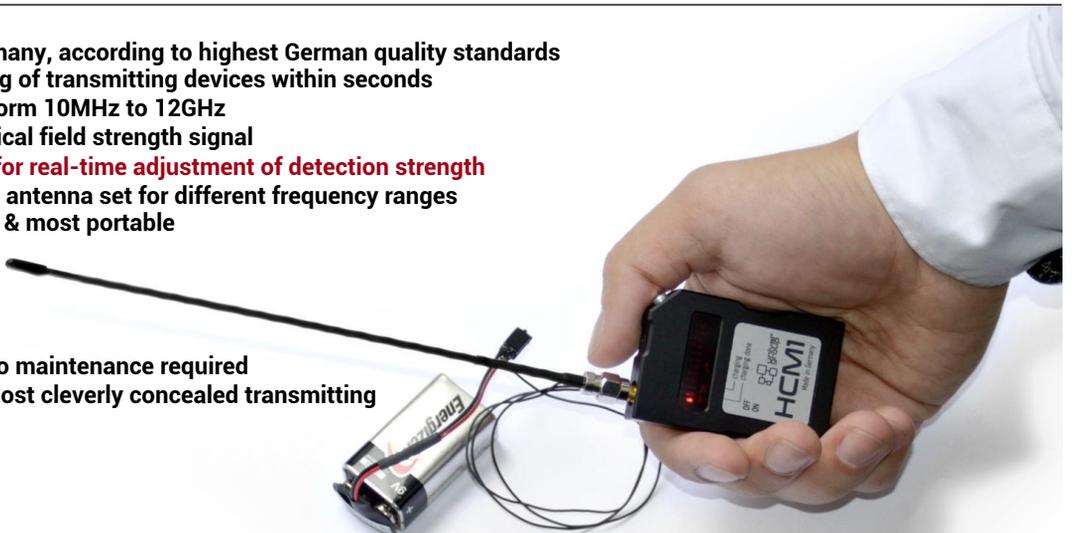
The **unival HCM1 | HANDHELD COUNTER-MONITORING DEVICE** is designed for fast field strength measurements & sweeps of homes, offices, hotel rooms, persons and objects from 10MHz up to 12GHz!

The **unival HCM1** provides fast localization of bugs and eavesdropping devices. Field strength and position of transmitting devices will be indicated through optical and acoustic signal, while the HCM1 sensitivity adjustment eliminates false alarms. The unival HCM1 enables the user to detect and locate various transmitting signals (in real-time) in the surroundings, which are a potential threat in terms of eavesdropping and information theft, wherever a professional sweep with the unival PCM1 bug detection device is not possible due to space limitations.

## FEATURES

- 100% made in Germany, according to highest German quality standards
- Detection & locating of transmitting devices within seconds
- Frequency Range from 10MHz to 12GHz
- Optical and acoustical field strength signal
- **Autosense Button for real-time adjustment of detection strength**
- Including complete antenna set for different frequency ranges
- Light weight, small & most portable

- Easy upkeep and no maintenance required
- Detects even the most cleverly concealed transmitting devices

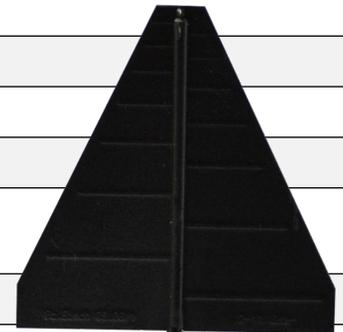


## SPECIFICATIONS

<b>DIMENSIONS (L x W x H)</b>	60 mm x 40 mm x 10 mm (without antenna)
<b>WEIGHT</b>	40 g (with omni-directional antenna)
<b>ANTENNA SET</b>	<ul style="list-style-type: none"> <li>• 1 x Omnidirectional antenna (short/ 433 MHz)</li> <li>• 1 x Omnidirectional antenna (long/ 20 MHz – 500 MHz)</li> <li>• 1 x Log-periodic antenna: Directional antenna 800 MHz – 2,500 MHz</li> <li>• 1 x Log-periodic antenna: Directional antenna 2,000 MHz – 12,000 MHz</li> </ul>

## TECHNICAL DATA

<b>FREQUENCY RANGE</b>	60 mm x 40 mm x 10 mm (without antenna)
<b>INPUT IMPEDANCE</b>	40 g (with omni-directional antenna)
<b>DISPLAY</b>	<ul style="list-style-type: none"> <li>• 1 x Omnidirectional antenna (short/ 433 MHz)</li> <li>• 1 x Omnidirectional antenna (long/ 20 MHz – 500 MHz)</li> <li>• 1 x Log-periodic antenna: Directional antenna 800 MHz – 2,500 MHz</li> <li>• 1 x Log-periodic antenna: Directional antenna 200 MHz – 12,000 MHz</li> </ul>
<b>SOUND</b>	10 MHz – 12,000 MHz
<b>POWER SUPPLY</b>	50 Ohm
<b>OPERATIONAL TIME</b>	12 point LED display
<b>CHARGING TIME</b>	Internal speaker or headset (2.5 mm headset jack/mono)
<b>CONNECTOR</b>	Lithium-Polymer (3.7 V)
<b>MODULATION METHODS</b>	3 hours
<b>SETTINGS</b>	1.5 hours
<b>ADDITIONAL ACCESSORIES</b>	SMA microwave socket
<b>MODULATION METHODS</b>	FM, NFM, WFM, AM, PCM, PAM, DECT, WLAN, GSM, Spread Spectrum, SSB
<b>SETTINGS</b>	Via Auto-sense button
<b>ADDITIONAL ACCESSORIES</b>	Charger & antenna set



## SENSITIVITY

<b>DETECTION LIMIT</b>	10 MHz	-52 dBm	30 MHz	-60 dBm
	100 MHz	-53 dBm	500 MHz	-51 dBm
	1,000 MHz	-53 dBm	2,500 MHz	-56 dBm
	5,000 MHz	-51 dBm	7,500 MHz	-50 dBm
	10,000 MHz	-40 dBm		

The HCM1 is a completely passive device and does not emit any radiation  
CE compliant

