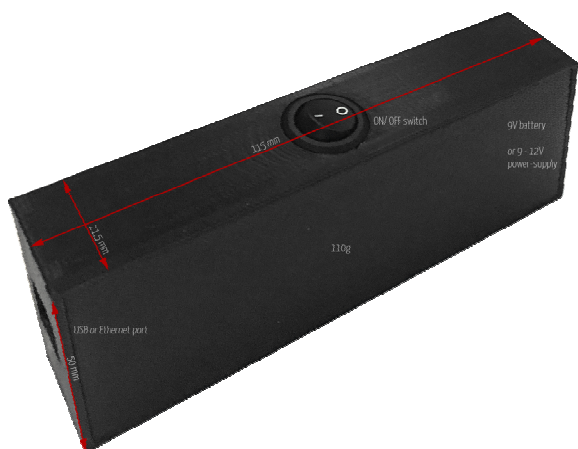


HighTAG™ Mini Transmitter EMV3



To suppress radio waves in selected frequency bands.

The use of these devices is meeting rooms, courtrooms, prisons or other secure listening devices. Mobile missions on vehicles, robots, drones, backpacks. EMV3 can be operated effectively with an antenna distribution structure and EMV3 BAND combinations for indoor and outdoor use by public authorities. Large halls and open spaces can be easily measured with low levels. New areas of application with lightweight modules create large radii from the air and on the ground. Long run times with low energy consumption.

With a good combination of EMV3 tapes ranges are reached that could otherwise only be achieved by 50 Watt systems and more. Running times of less than one hour were no exceptions. The weight was often 10 kg and more. With EMV3 systems under 1 kg are possible.

EMV3 uses the same technology as EMV1 and EMV2. The higher output power could be achieved with the latest technology. There is no cooling necessary. The radiation load is smaller than that of a mobile phone.

Allgemein

Configuration	Programmable by USB with optional software package
Dimensions (LxBxH)	115 x 50 x 21,5mm
Weight	about 100g
Working temperature	-55°C to + 85°C (power supply operation), -8°C to + 85°C (battery operation)

Antennensystem

Antenna	internal, external antenna for an additional charge
Output power	< +30dBm (in accordance with EMC directives only with antenna distributor, antenna cables and adapted antennas CE marking only as installations CE) Except authorities
Antenna system	50Ohm
Antenna gain	See external antennas

Zulassungen

EMC approval	Approval-free in accordance with EMC directives and with CE marking with distribution structure.
EMF	Compliance with safety guidelines, low electromagnetic fields in the workplace.

Power supply

On / Off switch	toggle switch, on the side
Battery	9V Block
Power adapter	9 – 12V
Power consumption	< 3,5 watts
Battery lifetime	about 3-4 hours with 9V Block 1200maH Lithium

Frequency bands*

Band 1	100 – 200MHz
Band 2	200 – 500MHz
Band 3	750 – 1000MHz
Band 4	1400 – 2800MHz
Band 5	2800 – 6000MHz

other frequency bands on request * A device can only be equipped with one band (eg EMV3 BAND 3)

- All information is approximate
- This EMV3 must be set up and put into operation by a specialist company. Arrangements may be required with the communications authorities located in the country. Measurements must be logged. EMC guidelines must be adhered to. (Exception authorities)