

# SPHERE

## Wireless Exploration Device (360°)

The SPHERE is designed to collect audio-, video data in hard to reach or dangerous zones and transmit it by wireless channel to the video surveillance and remote control unit.



## Opportunities and advantages

Reconnaissance and exploration device SPHERE has an extraordinary function to provide simultaneous video data transmission from 4 video cameras without any loss of image quality. The device is supplied with positioning feature - it automatically comes to vertical positioning. Device's remote control, reception and monitoring of information are executed by wireless channel with the help of remote control and video surveillance unit. SPHERE maintains multiple throwing and drop from 5m height and features powerful white and infrared LED backlight.



## Technical characteristics

### SPHERE

Video data transmission range to the remote control unit	at least 50 m
Frequency Range	1010–1230 MHz
Video Cameras (x4)	CMOS, F/B (in-house development)
Lenses (x4)	bordlens 2.8
Operating Time	at least 60 min (Depends on Operating Mode)
Power Supply	Li-PO recchargeable battery
Diameter	90mm
Weight	610g

### REMOTE CONTROL

Operating frequency range	
- Video image reception (digital)	1300-1400 MHz
- Video image reception (analog)	1010-1230 MHz
Operating Frequency	917 MHz
Dimensions	271 x 150 x 77 mm
Weight	1,8 kg

## Delivery set

- Surveillance and monitoring unit SPHERE – 2 pcs.
- Universal Multipurpose Remote Control Unit
- Charger
- Tripod – 2 pcs.
- Magnetic base
- Cord
- Lock pin – 6 pcs.
- Packing case
- Shoulder strap