



Ant-Droid Hand Held™

SMART DEMINING

Ant-Droid Hand Held™ is a versatile remote controller for Ant-Droid Mine Explorers™. This specially designed hand-held includes advanced capabilities such as real-time telemetry, video or sensor analysis. All Ant-Droid Mine Explorer in the field are detected and controlled with one click.

Control any Mine Explorer

Follow demining sensors embedded

Real-Time threat analysis

Detailed easy to use information

Long life space proofed batteries

High contrast screen



Easy to use – designed to be straight forward to use and comfortable.



Sensor data – The Hand Held shows detailed real-time signal processed data from sensors installed in the Mine Explorers.



Real-Time video – Select any Remote Mine Explorer and switch on the camera view.

Maximum control and comfort in one hand held

Automatic scan

The Hand Held scans for available Mine Explorers in the field and recognizes them. Once registered, the Hand Held allows selecting any of the robots and perform different operations such as control, telemetry or video.

Tele-Operation

Using the Hand Held, the robots can be controlled changing from autonomous to tele-operated mode. By means of high-resolution joysticks the robots can be operated in direction and speed. Also, the arms can be tele-operated.

Ergonomic

The hand held has been designed to be comfortable in long activities: the weight distributions, shape of the chassis, and grips have been analyzed with special care. The screen offers good brightness and contrast for outdoor.

Sensor Analysis

When connected to a Mine Explorer the Hand Held will be able to show sensor telemetry streaming.

Using a Metal Detector in the Mine Explorer, the user will be able to determine the amount of metal content in the ground and receive a preliminary analysis based on configurable Metal content thresholds.



Main Features

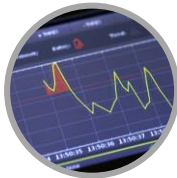


Battery – Ant-Droid provides batteries compatibles among the different products.



Communications – Telemetry and video is sent and received through different bands to achieve maximum reliability.

Rugged – Designed to resist a wide range of climatic conditions.



Screen – sun readable screen to provide the best brightness and contrast in outdoor.



Mode selector – To easily switch from SetUp to Remote control mode.



Controllers – From the Hand Held the Mine Explorers in the field can be controlled using the high precision joysticks.



Video – Real-Time switchable video streaming with all video enabled elements in the field.



Energy – up to 10h of autonomy. Recharge can be done directly connecting the device to the general power.



Field inspection, quality assurance procedures with “Personal safety pack”

Safety

Ant-Droid Demining Solution™ minimizes the human risk during explorative and verification phases.

When operators enter the field they are always controlled and they carry the best information of the status of the field with them.

Service

GeoEntec Environment Technologies provides not only the solution but also training and consulting services.

Keep in touch with our commercial network to learn what ebolution can do for you and your specific requirements. Check out at www.geoentec.com

Accessories

Backpacks, harnesses, battery packs, tracks, chargers ... All the accessories and spare parts are available also from our webpage. Request assistance and our sales team will contact you to provide with all the information you may need.

GeoEntec Environment Technologies offers product support, customer training and equipment consultancy. Additionally, a full range of spare parts and accessories for all our set of solutions is available.

Contact our sales team in Gernika or any of our agents around the world to get more information on deployment options, quotations or questions.

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