

MILITARY

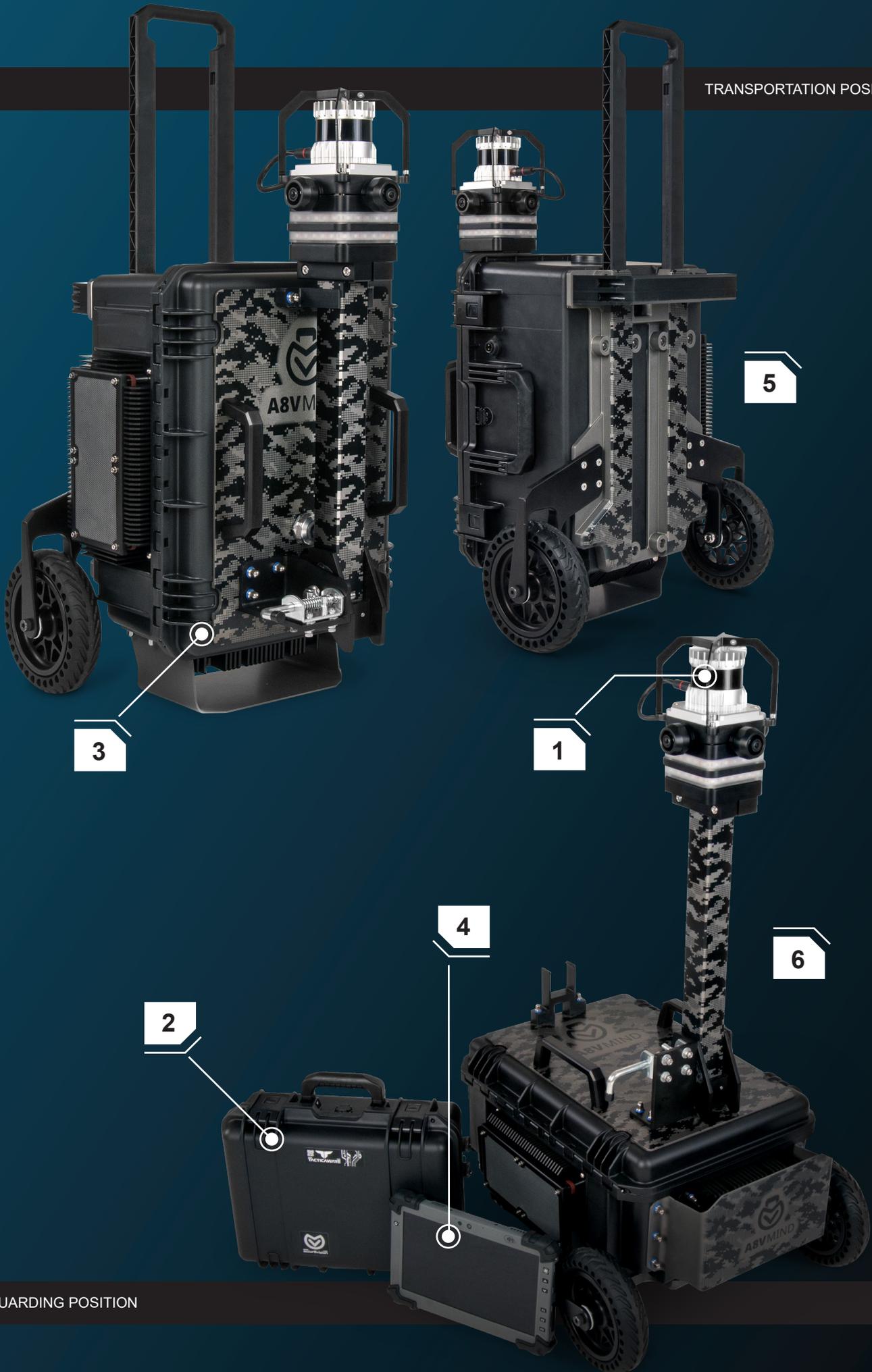
A8V MIND

Mobile INtrusion Detection

Mobile Volumetric detection system suitable for guarding civil or military objects. minimalistic UI, high reliability, intuitive intruder monitoring.



TRANSPORTATION POSITION



3

5

1

4

6

2

GUARDING POSITION

A8V MIND is a special portable version of the Accur8vision volumetric detection system. It uses lidar technology for detection. The detector spreads laser beams into space. The reflected laser pulse informs about the distance of the object from the detector with an accuracy of 2cm. In this way, the area around the detector is monitored in real time up to a distance of 120 meters. Detection zones can be defined in the system. If the system triggers an alarm, it immediately shows the operator the number of intruders, their exact positions, object sizes, movement speeds, and the system also displays the trajectories of the objects' movements.

The portable case on wheels contains all the necessary electronics. Inside is an Accur8vision server that handles all detection algorithms. The lidar is attached to a folding leg and is protected against falling. The detector head is extended with 4 fixed cameras that provide a camera view to all four sides. The head includes such an information LED strip. The case also includes a router that provides interconnection of all elements and also provides WiFi communication and can be extended with a mobile communicator that provides transmission of alarm events over the GSM network.

The A8V Mind is battery powered, incorporating a bridge battery to safely ensure the replacement of the battery pack, which can be supplied in varying capacities with a 12 to 24 hour battery life. The entire kit includes battery chargers and a heavy-duty laptop/notebook that provides control of the entire system.

A8V Mind can be used wherever it is necessary to secure a given area in a very short time and at the same time provide the operator with accurate information in the event of a breach of the detection zone. Therefore, It can be used to protect parts of construction sites, parked construction machinery, to protect hazardous areas, to temporarily protect the area during emergency situations, to protect parked vehicles, aircraft and strategic objects.

1. Lidar detector
2. Battery power supply - more variants
3. Portable case with IP 54 protection
4. Rugged tablet with 3D client
5. A8V Mind in standby mode
6. A8V Mind in transportation mode



OBJECT DETECTION IS MADE BY LASER BEAMS.



COMMUNICATION WITH CLIENT TABLET IS MADE BY WI-FI.

Checkpoint



Volumetric protection of the area. There must be direct visibility of potential targets from where the A8V Mind is positioned. Wherever the lidar's view is not blocked, very accurate detection can be made up to 120 meters from the lidar.



Checkpoint



The operator communicates with the system using a rugged tablet that is connected to the case over a WiFi network.



A8V Mind then detects and visualizes any objects that appear in the detection zone. It also displays the sizes of these objects. The operator can thus see whether a vehicle is entering the zone or a person or, for example, a group of people.

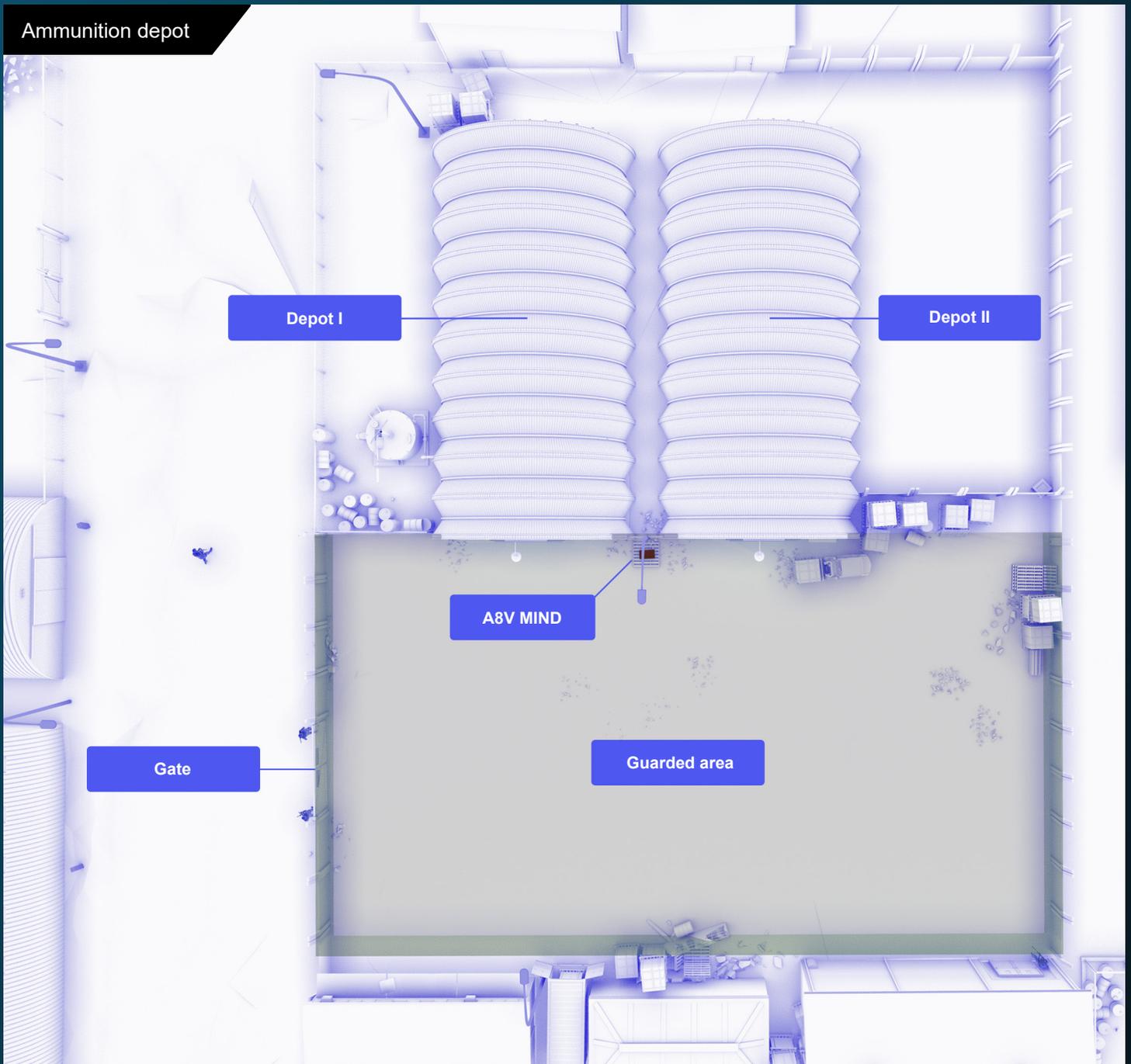


The case is IP54 waterproof and can be placed anywhere even in harsh environments. It allows very fast deployment within minutes.



In the event of an alarm, the operator is notified by an audible or optical signal only. Likewise, the system can signal a breach by flashing an LED strip on the device. This light indication can be switched off.

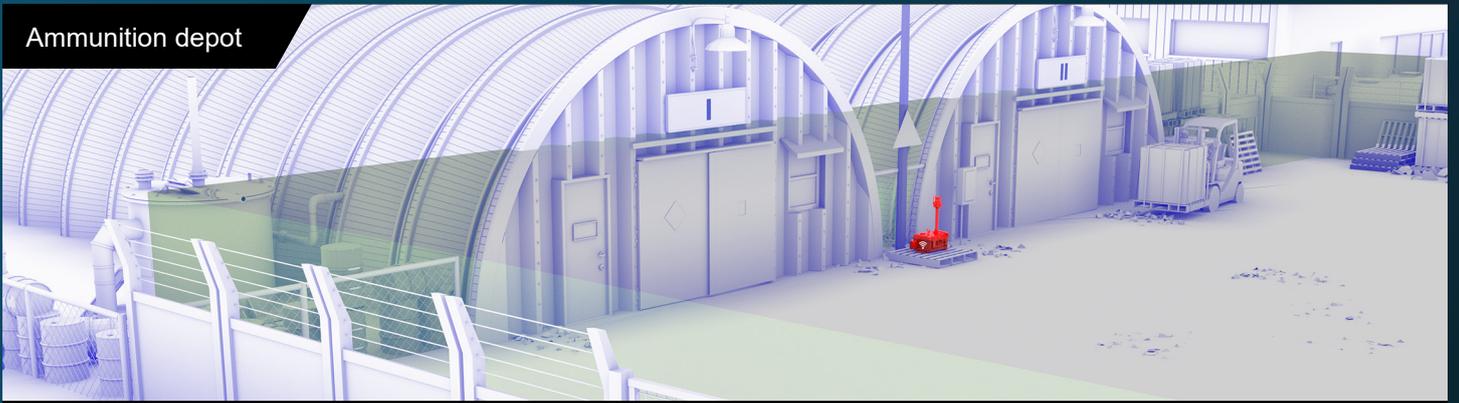
Ammunition depot



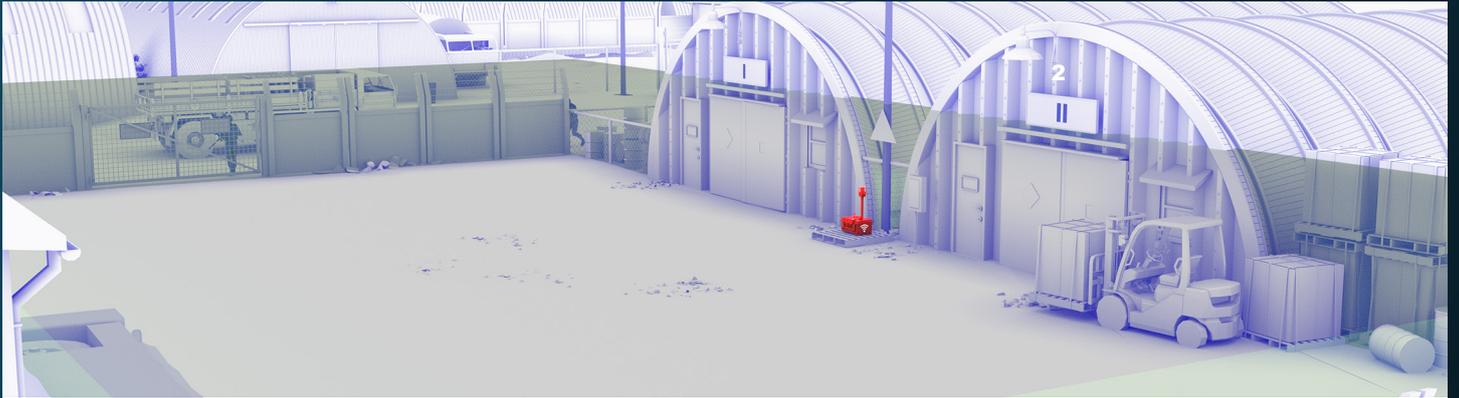
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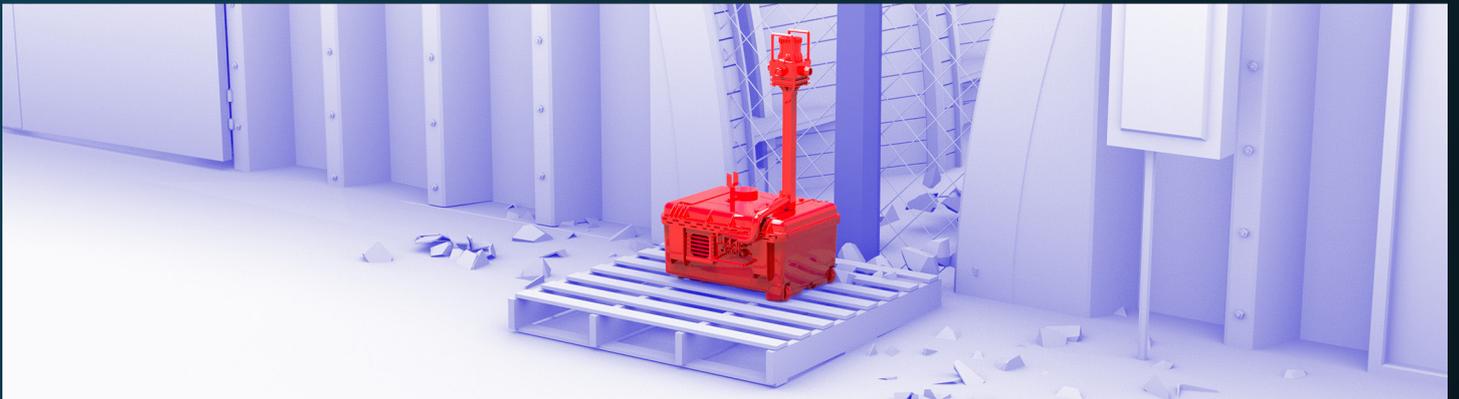
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