MTGR®

System Accessories

Roboteam

ADD-ON HD OBSERVATION HEAD

➜ High quality thermal & zoom camera for ISR missions

The Add-On HD Observation Head can carry both a thermal image sensor camera and a high-resolution day and night camera. The Observation Head is placed on top of the manipulator arm, integrating fully with the MTGR system to ensure the success of intelligence gathering missions.

BREADCRUMB

➜ Light weight relay with MESH network communication

The Roboteam "Breadcrumb" Relay Unit is a dedicated RF relay mechanism using sophisticated MESH networking which automatically relays an RF signal to any robot in the desired area.

MAST CAMERA

➜ Improve vantage point materials

The Mast Camera simply gives the operator an even better vantage point and perspective of the area in question. The mast camera is a flexible camera with led lighting, and 53 cm above the ground. The mast camera is easey to attached to the platform.

ACTIVATION CIRCUIT

➜ Wireless safety initiator

The Roboteam Activation Circuit allows for the safe firing/initiation or any remote device such as disruptor or breaching device. The dedicated software enables the end-user to first position the robot, aim the device, activate a safe arming sequence and commence activation within 30 seconds.

CBRN INTEGRATION KIT

➜ Real time alerts and notifications for hazardous materials detection on the control unit.

The CBRN Integration kit is suitable for the JCAD sensor and allows for long range, stand-off detection of chemical warfare agents and toxic industrial chemical detection all from the light weight MTGR platform.

SPEAKER

➜ Ruggedized & IP65-voice message transferring device

The Speaker accessory is an IP65 certificated quick- assembly speaker that enables the operator to engage with the "other side" of the operation without getting near the danger zone. The MTGR along with the speaker provides be directional communication in the terrain.

H U M A N   D R I V E N

GROUND WIRE EXPOSER

➜ Ability to revel hidden threatsin the ground

The Ground Wire Exposer allows the end-user to detect and expose hidden wires in various terrains such as sand or rocky ground. This accessory can be easily assembled onto the Picatinny adaptor which attaches to the MTGR's manipulator grippers.

WIRE CUTTER

➜ Fast mounting wire cutting tool

The Roboteam Wire Cutter system allows for easy and intuitive cutting of various metallic wires up to 14-gauge width. The wire cutter is easily assembled with an adapter that attaches to the MTGR's manipulator grippers.

DOOR OPENING FINGERTIPS

➜ Door opening ability in multiply scenarios

The Roboteam fingertips system mimics the natural knob/handle turning motion typical of a human hand to allow the end-user to easily open doors with the manipulator. This accessory also extends the reach of the manipulator by approximately 30 centimeters.

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X-RAY

➜ Wireless X-RAY objects detector explorer

MTGR with X-RAY capabilities enables risk reduction for the operating forces by detecting and exploring detecting objects with high precision in real time. The X-Ray is designed for NDT radiography applications, suitable for all terrain and weather conditions.

CHARGING CASE

➜ 4 battery simultaneously charger

System reediness, fast deployment and intensive training. Suitable for Roboteam 24v batteries, charging time for all 4 batteries is 2.5 hours.