



Fighting terrorism has become a daily task everywhere around the world.

When terror strikes, empowering professional First Responders on site with state-of-the-art life-saving solutions is the number one key to civilian protection.



Motorola presents:

MOTOBOT

*The most reliable Remote Control System for EOD Robots
Effectively turns every robot into a life saving asset*



***Introducing MOTOBOT,
the most reliable
cutting-edge
Remote Control System
in the world for Explosive
Ordinance Disposal (EOD)
robots, developed
and manufactured by
Motorola.***



The **MOTOBOT** solution was developed by the combined efforts of Motorola's world renowned innovativeness in communication technologies, the Israeli Police knowhow and experience in daily dealings with terrorism attempts, emergency and rescue, plus years of skill accumulation and excellent results.

Effective protection against terrorism requires sophisticated but easy to use on-field solutions and real-time operational aids for empowering First Responders on site.

Communications, control, high performance capabilities and reliability – are all crucial elements that make **MOTOBOT** the best Explosive Ordinance Disposal solution there is.

In the endless pursuit of public safety, **MOTOBOT** has been tested and retested, delivering top results, through decades of daily hard-core field work on the streets of Israel, one of the world's most terror-plagued regions. Over the past 25 years, **MOTOBOT** has been improved and upgraded continuously to meet field demands, technology updates and terrorist ingenuity.

Now, **MOTOBOT**'s outstanding achievements have proved it to be safer, more efficient and more accurate than any other Remote Control System for EOD robots available in the market.



Highest reliability

After decades of exceptionally intensive use, the Israeli police say: “*MOTOBOT* systems simply do not break down!”

- Operational reliability - a highly dependable safety mechanism ensuring no chances of control lapses.
- Functional reliability - designed to withstand the roughest conditions: jolts, dust, sand, wind, extreme temperatures and harsh weather.

Readily adaptable to existing EOD robots

The operations panel is easily and readily adaptable or customizable to existing leading EOD robots. Moreover, just one system can be used to operate several models, simply by switching the user panel.

Mobility and portability as key success factors

Field circumstances often require swift changes of position. With a portable light weight control box and wireless connectivity, operators can carry the *MOTOBOT* control box easily, even while running, climbing stairs, combating or operating under challenging conditions.

Built-in interfacing options to a wide variety of external devices

MOTOBOT can be integrated with any type of physical interface while keeping the MMI in the local languages. Interfacing options include most external devices such as GPS, video, maintenance and visual centers, imaging machines (X-Ray), sophisticated external fixtures etc.

Protective transmission control system

The *MOTOBOT* transmission system can be tuned to most frequencies and includes built-in interruption buffers to ensure smooth communications throughout the whole operation under most local circumstances.

Smart user panel – for maximum performance control

MOTOBOT showcases a sophisticated user panel with separate areas for each type of operation: firing device, video equipment, driving mechanism, robotic arms etc. A smart setup of control joysticks enables twice as many functions compared to other systems. A breakthrough electronic display screen provides more customizable operational options addressing every set-up.

A graphic status display screen provides critical information inflow in real-time

The display screen provides real-time inflow of critical information to help decision processes in action, as well as real-time warnings of system failures and corrective handling options. The screen can be rapidly transferred from the mobile control unit to the portable control unit according to the operators' decision.

Triple safety inspection mechanism

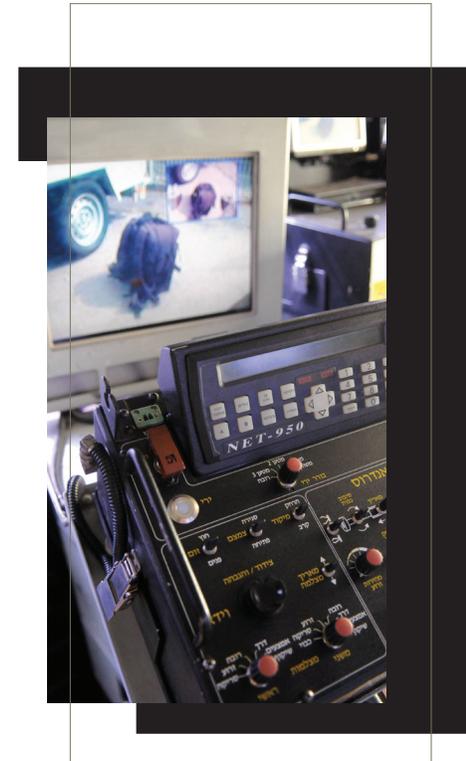
An internal cross-component inspection mechanism ensures real-time self testing and authorization of every command, as well as coordination between various communication protocols, real-time multilevel diagnostics and problem identification, reporting and correction management, all on-site during action.

Multi communication channeling for maximum reliability

Two parallel communication channels: physical (IP, Optical Fibers etc.) and wireless (UHF, VHF, 800MHz, Broadband etc.). The operator chooses the default and uses the others as backups. The system issues an automatic warning upon any sign of malfunction enabling immediate recovery of all communications in practically zero time!

Witness the smallest details from a safe distance with a sophisticated camera

The *MOTOBOT* facilitates full control of the video camera on the robot, thus enables a remote operator to witness any object or occurrence in full detail from a safe position. The system is able to record video of events for future use, or to transfer system data by cellular channels, in real time, to any location in the world.



MOTOBOT is the ultimate EOD robot control solution available today, turning every EOD Robot into a sophisticated, reliable life-saving asset:



- Technologically adaptable to most leading robots in the market.
- Tested and retested reliability - proven results.
- Portable, mobile.
- Accurate, and easy to operate.
- Can connect to all forms of audio and visual communication channels, including video, wireless or wire line.
- Supporting a sophisticated video camera that enables close observation and full control from a safe distance.
- Customizability: the most flexible and versatile remote control solution in the market.
- Encompasses years of excellence of the Israeli civilian protection industry.



About Motorola

Motorola is known around the world for innovation in communications and is focused on advancing the way the world connects. From broadband communications infrastructure, enterprise mobility and public safety solutions to high-definition video and mobile devices, Motorola is leading the next wave of innovations that enable people, enterprises and governments to be more connected and more mobile. Motorola (NYSE: MOT)



For more information about MOTOBOT,
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