



OVERVIEW

Company, Products & Services

TELERAB
— An AVS Company —

DISTANCE MEANS SAVETY

Distance is the key to carrying out a wide range of missions in the fields of EOD, CBRN and HAZMAT.

Which is why our robots perform dangerous tasks from a safe distance and thus protect the emergency services.



Telerob – Profile

Telerob Gesellschaft für Fernhantierungstechnik mbH

is a leading manufacturer of defense and homeland security products based in Ostfildern near Stuttgart, Germany.

Founded in 1994.

UGV division of AeroVironment Inc. since 2021.

35M USD

revenue in 2025

with ~120
employees

>1300

delivered systems
telexmax | tEODor
Service vehicles

In use in

>60

countries around
the world

**Leader in
innovation &
technology**

Robotic solutions
developed in-house and
customised technologies
meeting highest
demands

From Ostfildern all over the world: Systems delivered



From pioneer to innovative safety guarantor in hazardous situations



1980s

First unmanned ground robot for heavy equipment in nuclear hazard situations

Operation in
Chernobyl



1994

Telerob Gesellschaft für Fernhantierungstechnik mbH founded



2000

Launch of the **tEODor** - the first remote handling robot with automatic tool exchange



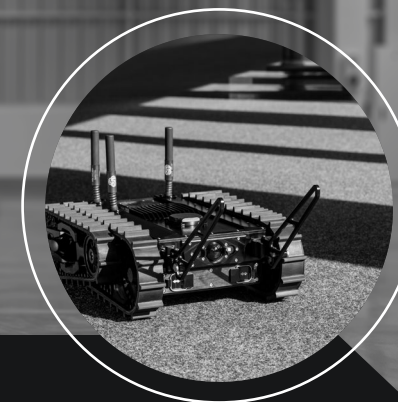
2006

Launch of **telemax** - the first EOD robot with innovative TCP control



2021

[AeroVironment Inc. acquires Telerob](#)
System solutions on land, in the air and in near space



2026

Launch of **TOM 50 RE** - Multi-mission robot for a wide range of application scenarios

Our robots carry out a wide variety of dangerous missions safely and effectively

Our products are used in more than 60 countries by security authorities, police and military units as well as industrial and research sectors.



EOD / IED

Explosive ordnance disposal (EOD) and unconventional explosive and incendiary devices (IEDs)



CBRNE

Combating chemical, biological, radiological, nuclear and explosive threats



HAZMAT

Handling hazardous materials



SWAT

High Risk Law Enforcement Operations



Our solutions for enhanced safety from a distance



Unmanned Ground Vehicles

Broad portfolio suitable for all applications

Service Vehicles

Customised vehicle solutions in various sizes and configurations

Service Worldwide

Rapid assistance with technical problems as well as maintenance and repair - worldwide and on site at the customer's premises

Training

Operator and maintenance training in our service centers or on site

Telerob Portfolio: Most advanced unmanned ground vehicles in the industry

tEODor EVO



COMBINATION OF POWER AND RELIABILITY

tEODor EVO for the defusing and disposal of explosive ordnance and improvised explosive and incendiary devices

telexmax
EVO PLUS



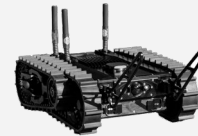
telexmax
EVO HYBRID



TELEXMAX SERIES: DESIGNED BY EXPERTS FOR EXPERTS

Whether in complex urban environments or in confined spaces such as buses, trains and aeroplanes, the telexmax series offers manoeuvrable unmanned ground vehicles with maximum precision

TOM 50 RE



THE ALL-ROUNDER: VERSATILE AND MISSION-READY

The perfect support for Telerob systems in mobile reconnaissance, mission-accompanying reconnaissance, and bomb disposal

TEL600 Service
Vehicles



TRANSPORT AND COMMAND CENTER

Multifunctional service vehicles in various sizes and equipment to meet the specific requirements of our customers

tEODor™ EVO

telerob Explosive Ordnance Disposal and observation robot



Robust, Powerful,
Reliable.

tEODor EVO was specially developed for explosive ordnance disposal and the defusing of improvised explosive devices. It is particularly suitable for operations with heavy objects and operates reliably even in difficult situations thanks to its 6-axis manipulator.

tEODor™ EVO | Highlights

INCREASED REACH

- > Programmable 6-axis manipulator with linear axis

CONTROL WITH FINGERTIP PRECISION

- > Modern, sustainable operating concept Robo Command with multi-touch screen and ergonomic design
- > Automatic tool exchange

ROBUST AND VERSATILE

- > Laser rangefinder, video input & data interface integrated into gripper
- > Universal interfaces connect to all current firing systems
- > Accessories and special tools backwards compatible with previous model tEODor

COMPLETE OVERVIEW

- > HD Pan/Tilt/Zoom cameras and quad view
- > LED lighting and GPS module

SECURE & RELIABLE COMMUNICATION

- > Fully integrated IP Mesh radio transmission with optional repeaters
- > Fully integrated 2-way audio module



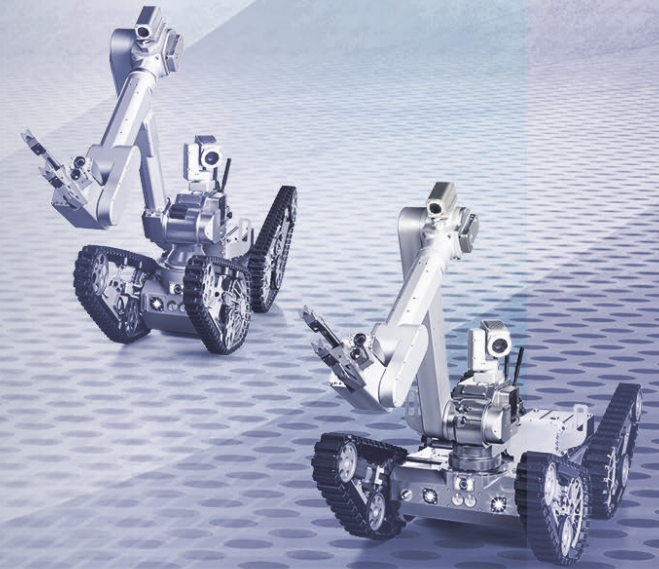
-  **LIFT CAPACITY**
100 kg
-  **GRIPPER WIDTH**
300 mm
-  **MISSION DURATION**
4 hr
-  **CLIMBING ABILITY**
45°

tEODor™ EVO | Accessories Overview

TEODOR EVO ZUBEHÖR TEODOR EVO ACCESSORIES



telemaxTM EVO series

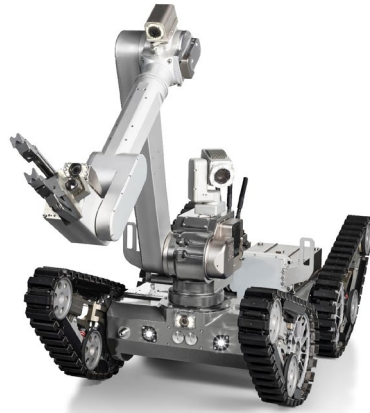


ONE RANGE –
A MILLION
OPPORTUNITIES

The telemax EVO series is characterized by outstanding precision, manipulation capability and manoeuvrability.

The large selection of interchangeable accessories for all members of the telemax EVO series enables adaptation to the most diverse applications and specific tasks.

telemax™ EVO robots | Overview



telemax™ EVO PLUS

Our largest and strongest telemax

- ✓ First choice for the most demanding tasks
- ✓ Double payload bay
- ✓ Exceptional lift capacity up to 80 kg



telemax™ EVO HYBRID

Perfect combination of size and strength

- ✓ Designed for use in confined spaces
- ✓ Ideally suited for EOD and CBRNE applications
- ✓ Lift capacity up to 37 kg

telemaxTM EVO PLUS



Our largest and
strongest telemax

As the first choice for the most challenging tasks, this unmanned ground vehicle with 4-track drive system combines exceptional lift capacity of up to 80 kg with a double payload area.

telemax™ EVO PLUS | Highlights

INCREASED REACH

- > Exceptionally strong 6-axis precision manipulator
- > Tool Center Point control

CONTROL WITH FINGERTIP PRECISION

- > Modern, sustainable operating concept Robo Command with multi-touch screen and ergonomic design
- > Automatic tool exchange

ROBUST AND VERSATILE

- > Double payload bay on the chassis
- > 4-track drive system with a top speed up to 5 km/h
- > Pre-programmed automatic motion sequences for manipulator and flippers
- > Interchangeability of accessories within the telemax series, e.g. batteries, tools, cameras and detectors

COMPLETE OVERVIEW

- > HD Pan/Tilt/Zoom camera and quad view

SECURE & RELIABLE COMMUNICATION

- > Modular radio module for IP Mesh radio transmission with optional repeaters
- > Fully integrated 2-way audio module

-  **LIFT CAPACITY**
80 kg
-  **GRIPPER WIDTH**
200 mm
-  **MISSION DURATION**
Up to 12 hr
-  **CLIMBING ABILITY**
45°



telemaxTM EVO HYBRID



Perfect combination of
size and strength

Thanks to its compact design and powerful 6-axis manipulator, this unmanned 4-track ground vehicle easily masters all operations requiring power in confined spaces and urban environments.

telemax™ EVO HYBRID | Highlights

INCREASED REACH

- > Strong 6-axis precision manipulator
- > Tool Center Point

CONTROL WITH FINGERTIP PRECISION

- > Modern, sustainable operating concept Robo Command with multi-touch screen and ergonomic design
- > Automatic tool exchange

ROBUST AND VERSATILE

- > Reinforced axes
- > 4-track drive system with a top speed up to 10 km/h
- > Pre-programmed automatic motion sequences for manipulator and flippers
- > Compact dimensions
- > Interchangeability of accessories within the telemax series, e.g. batteries, tools, cameras and detectors

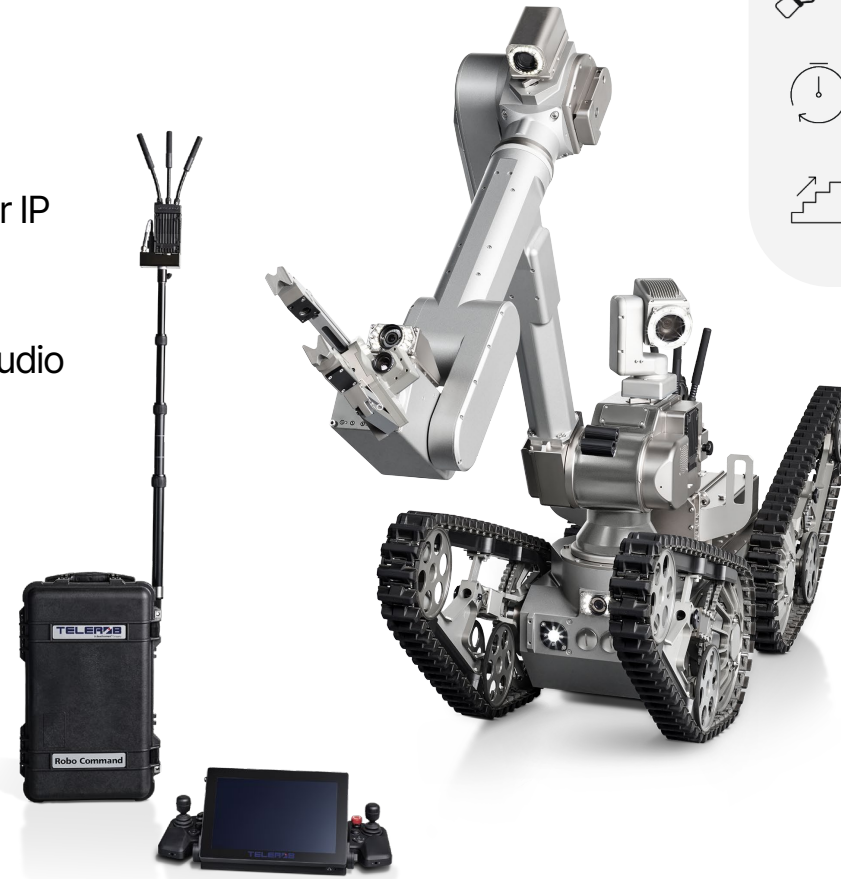
COMPLETE OVERVIEW

- > HD Pan/Tilt/Zoom camera and quad view

SECURE & RELIABLE COMMUNICATION

- > Modular radio module for IP Mesh radio transmission with optional repeaters
- > Fully integrated 2-way audio module

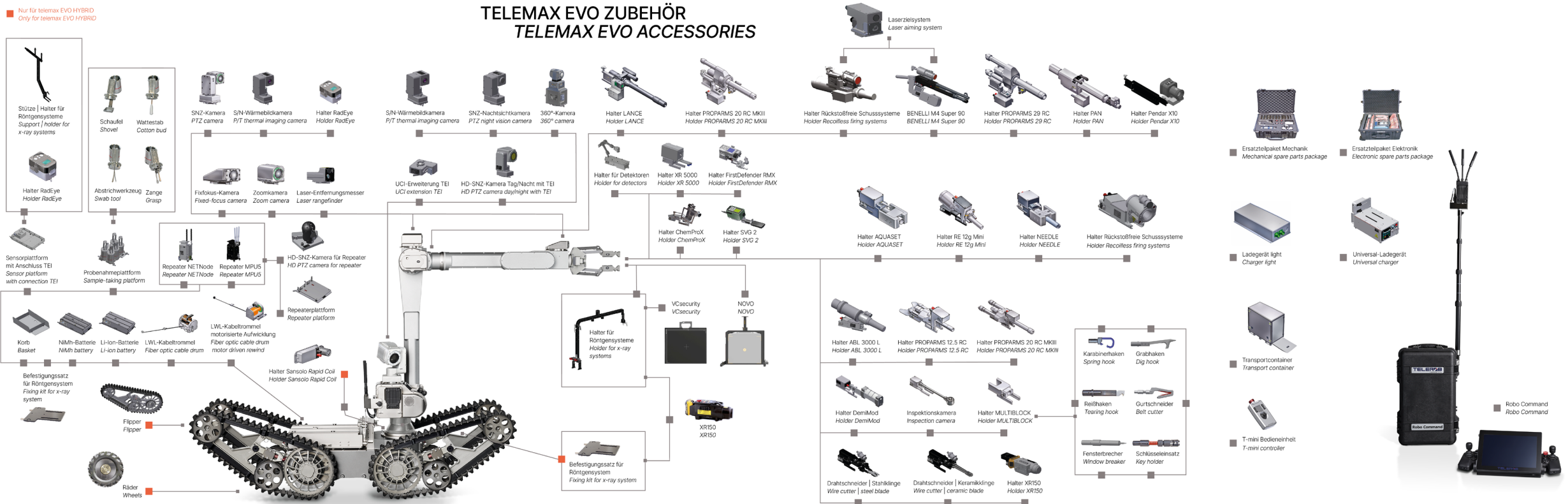
-  **LIFT CAPACITY**
37 kg
-  **GRIPPER WIDTH**
200 mm
-  **MISSION DURATION**
Up to 10 hr
-  **CLIMBING ABILITY**
45°



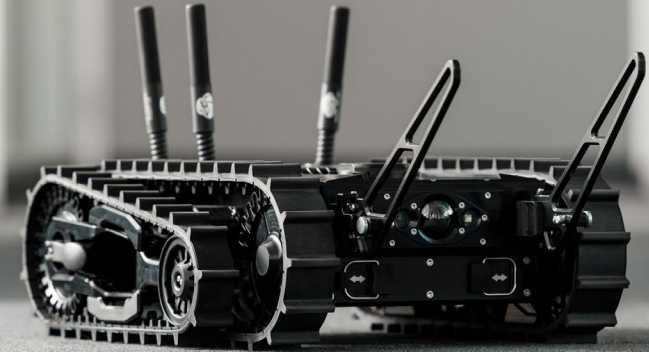
telexmax™ EVO | Accessories Overview

Nur für telexmax EVO HYBRID
Only for telexmax EVO HYBRID

TELEXMAX EVO ZUBEHÖR TELEXMAX EVO ACCESSORIES



TOM 50 RE



Greatness Was Never
About Size

TOM™ 50 RE is a compact, backpackable unmanned ground vehicle designed to deliver immediate robotic capability to highly mobile units operating in complex and contested environments.

TOM 50 RE | Highlights

LIGHTWEIGHT FOR MOBILE USE

- > Backpackable
- > Compact design
- > Weight less than 8 kg
- > True single operator transport

SECURE & RELIABLE COMMUNICATION

- > IP-mesh communications with mobile repeater capability to extend network range
- > Fully integrated 2-way audio module

FLEXIBLE OPERATION

- > Robo Command control station
- > Grip S20 control station

COMPLETE OVERVIEW

- > Four 4K wide-angle cameras

MISSION VARIANTS

- > Mobile reconnaissance
- > Mission-accompanying recon through live mapping
- > Defusing: threat neutralization
- > Support for additional Telerob systems



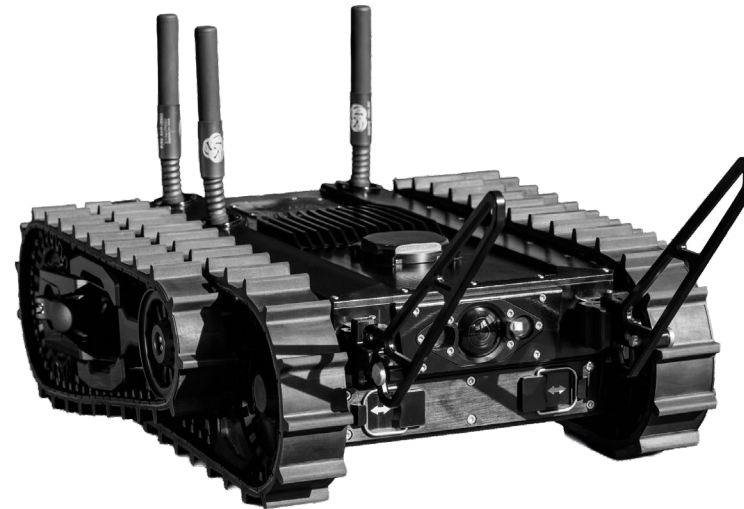
TOOL EXCHANGE
Mission Configurable



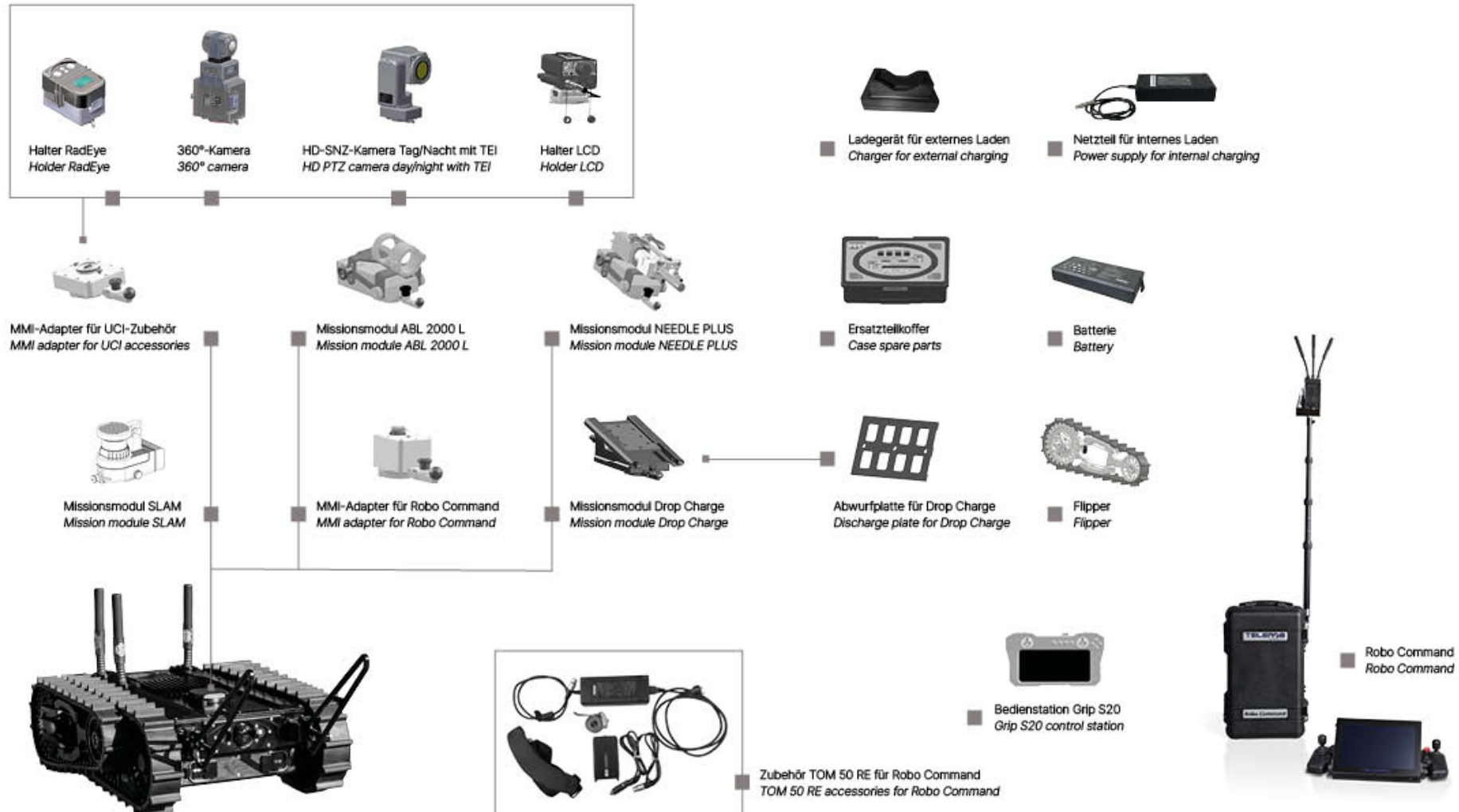
MISSION DURATION
Up to 6 hr



CLIMBING ABILITY
45°



TOM 50 RE | Accessories Overview



Control Station Robo Command



Universal operating
concept for all
Telerob robots

The intuitive touch screen navigation enables fast and precise control of complex manipulator movements. Up to four video images with pinch-and-zoom function can be displayed simultaneously on the controller screen.

Highlights Robo Command

CONTROL WITH FINGERTIP PRECISION

- > Intuitive touch screen navigation—menus, robot components & adjustable settings
- > Fast access to frequent & important functions via control pad
- > One touch access to pre-programmed manipulator & running gear sequences
- > Multiple controller, radio & external connection options
- > Wide range of radio systems & frequency options



VIEW OPTIONS

QuadView—4 Video Feeds



DISPLAY SIZE

12 in capacitive multi-touch screen



ENVIRONMENTAL RATING

IP-65



TEL600 Service Vehicles



TRANSPORT AND COMMAND & CONTROL CENTER

The multifunctional service vehicles offer ample space for multiple robots including special equipment as well as a protected command center.

Our many years of experience allow us to develop perfect, customized vehicle solutions in close cooperation with our customers.

Service Vehicle TEL610

Perfect rapid response vehicle
for investigation and reconnaissance

Rapid, small service vehicle for investigation,
reconnaissance and intervention

Customized storage concept and
equipment integration

Designed for the transport of one
EOD robot telemax EVO

Perfect integration of the control station Robo Command for
safe operation of the EOD robot from the service vehicle



Service Vehicle TEL620

Optimal ratio of size and speed

Designed for the transport of up to two EOD robots

Workspace with optimal equipment such as air conditioning, electricity, water, information and communication systems

Perfect integration of the control station Robo Command for safe operation of the EOD robots from the service vehicle

Video management system for displaying, documenting and analyzing the operations



Service Vehicle TEL640

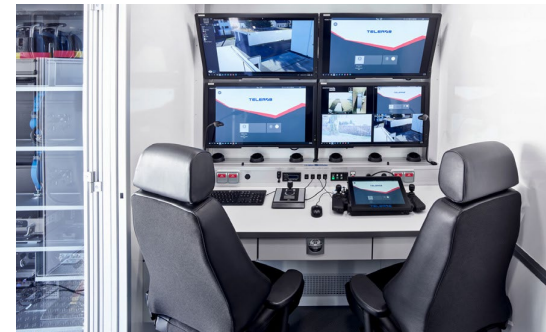
Separate working area with generous space

Designed for the transport of several EOD robots

Separated work areas with optimal equipment such as air conditioning, electricity, water, information and communication systems

Perfect integration of the control station Robo Command for safe operation of the EOD robots from the service vehicle

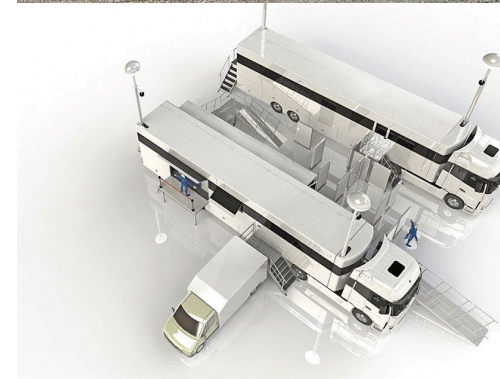
Video management system for displaying, documenting and analyzing the operations



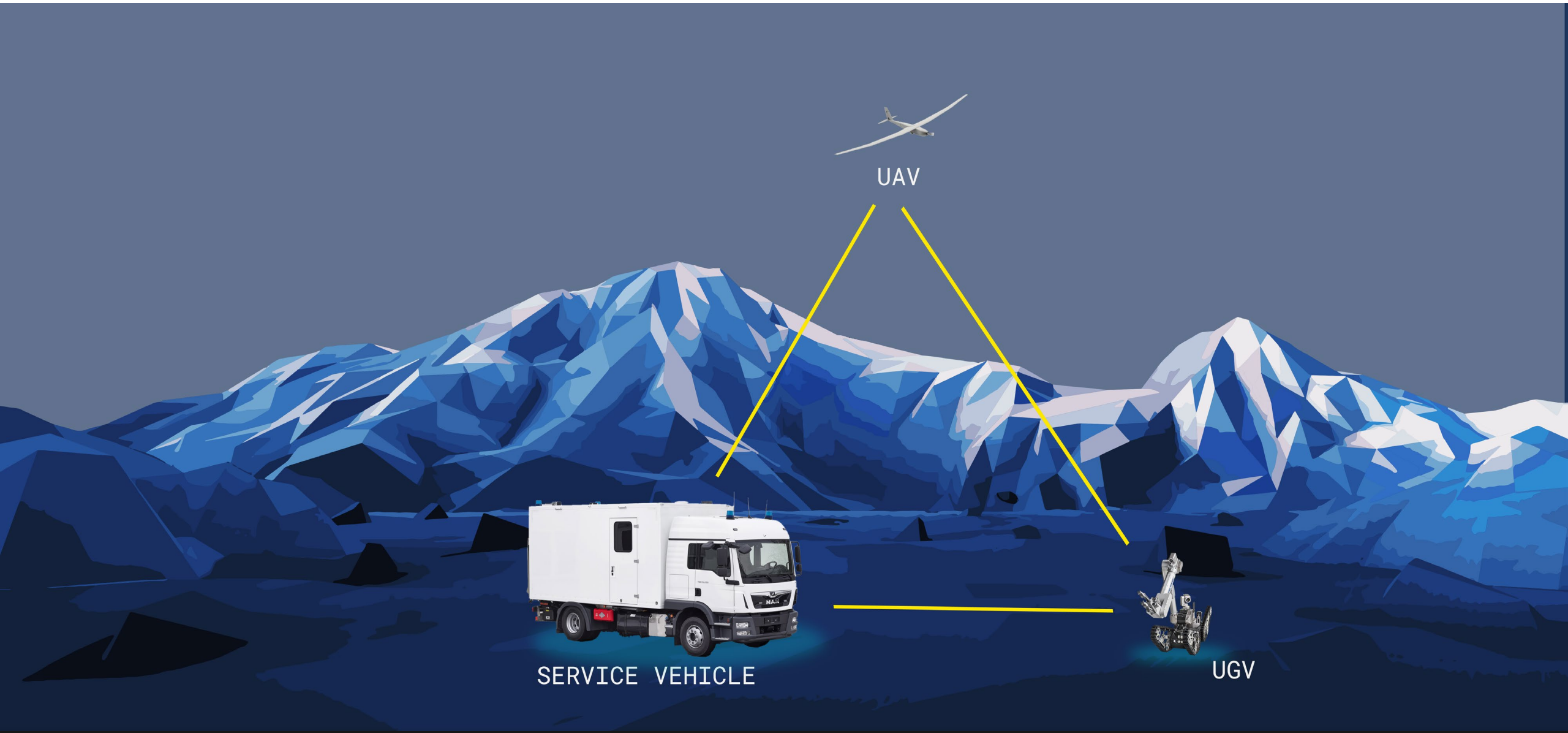
Service Vehicle TEL650

Service vehicle for special mission scenarios with optional extras

- > Driver's cab and box body protected according to STANAG 4569
- > Explosion proof chamber for the transport of explosives
- > Airlock for sampling of hazardous substances via robot
- > Integrated baggage and body scanners for setting up mobile check points
- > Overpressure protection system and analysis technology for CBRN defense
- > Extensive communication technology for the coordination of complex hazard situations as command room



Forward-looking Multi-Domain System Solutions



TEL620 MULTIDOMAIN VEHICLE

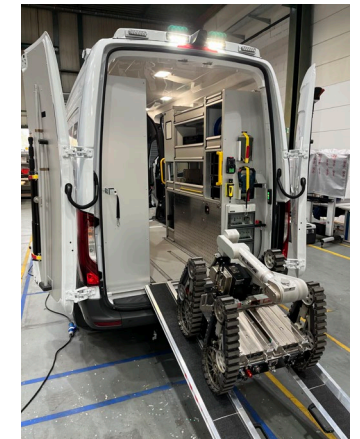
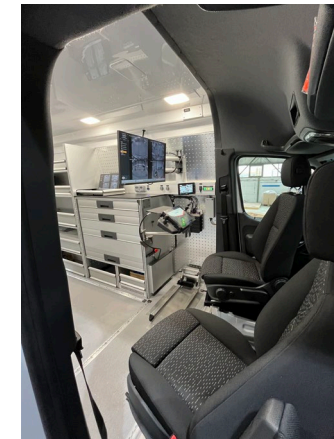
EOD and air support vehicle with passenger car-like driving characteristics

Designed for the transport of up to two EOD robots and one Unmanned Aerial Vehicle (UAV)

Camera pictures of EOD robots and UAV displayed on one screen

Perfect integration of the Robo Command control station for safe operation of the EOD robots from the service vehicle

Video management system for displaying, documenting and analyzing the operations



TEL640 MULTIDOMAIN VEHICLE

EOD and air support vehicle with box body

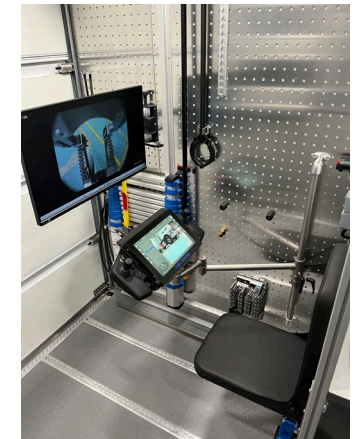
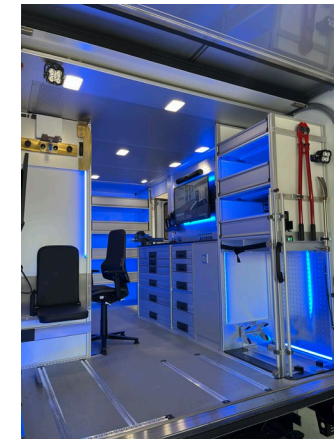
Designed for the transport of several EOD robots and Unmanned Aerial Vehicles (UAVs)

Camera pictures of EOD robots and UAVs displayed on one screen

Weather station on telescopic mast to support the UAV pilot with current weather data

Perfect integration of the Robo Command control station for safe operation of the EOD robots from the service vehicle

Video management system for displaying, documenting and analyzing the operations

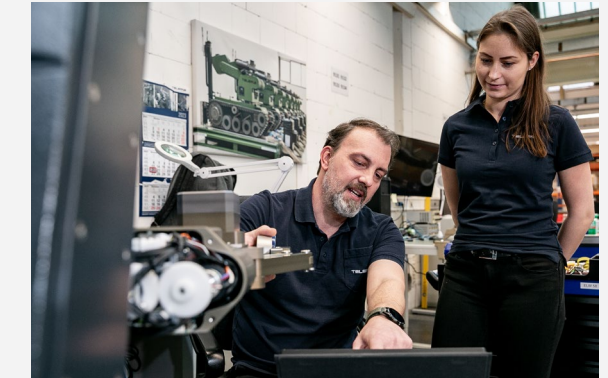
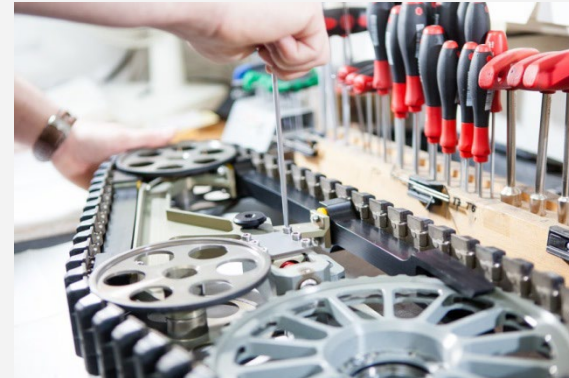


Service Worldwide

The continuous functionality of our robots, service vehicles and systems is vital to our customers to enable them to perform their duties.

Global service
network

Maintenance and
repair in Telerob
service centres or
on site at customer's
premises



Training



Team of experienced trainers provides our customers with the necessary practical skills

Standardized or customer-specific training

At the training center in Ostfildern / Germany or on site at the customer's premises

Our vision:

**Global market leader in
advanced integrated
robotics solutions designed
for life-saving missions.**



Our customised robotic solutions enable the reliable execution of dangerous missions and allow the operator to concentrate on the essentials.

AeroVironment Inc.

Telerob is part of
AeroVironment Inc.
Uncrewed Systems



UNCREWED SYSTEMS

UNMANNED GROUND VEHICLES

- > tEODor EVO
- > telemax EVO
- > TOM 50 RE
- > Service Vehicles

MEDIUM UAS

- > JUMP[®] 20
- > T-20[™]

SMALL UAS

- > P550[™]
- > Puma[™] LE
- > Puma[™] 3 AE
- > Raven[®] B
- > VAPOR[®]



Outstanding technology and maximum reliability for handling dangerous missions from a safe distance.

www.telerob.com

TELEROB
— An AVS Company —