

10 UNITS SURVEILLANCE VANS BASED ON IVECO DAILY



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PROJECT 25-099

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5	LETTERING / WRAPPING	Fehler! Textmarke nicht definiert.

Delivery range for unival MSV, per unit:

1 CHASSIS

Manufacturer / Model:	IVECO DAILY
GVW:	3.500 kg
Drive:	4x2
Transmission:	Availability
Wheelbase:	3.665 mm
Steering:	LHD
Engine:	approx. 180 HP
Emission:	Euro 3
Colour:	Client specific colour

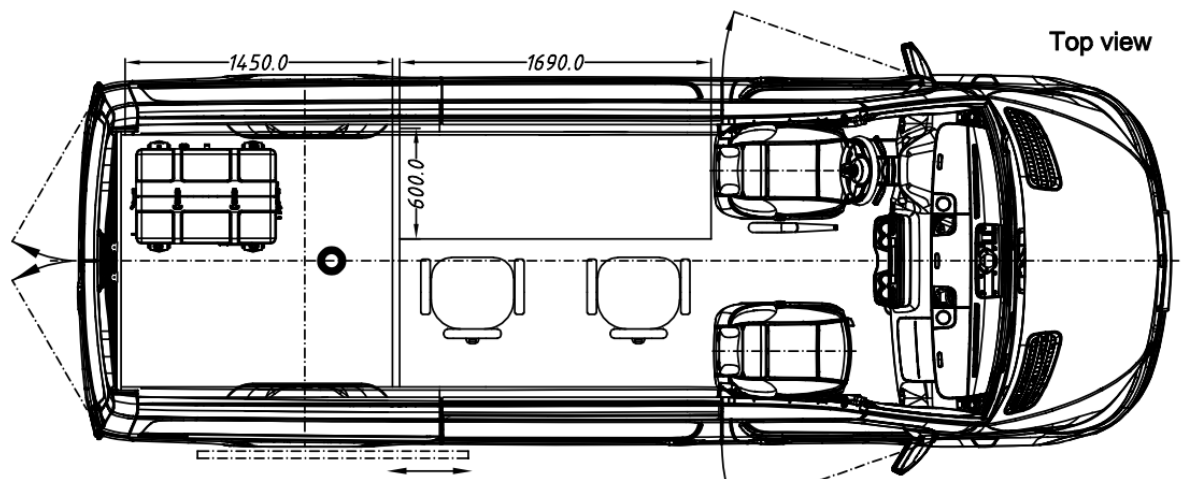
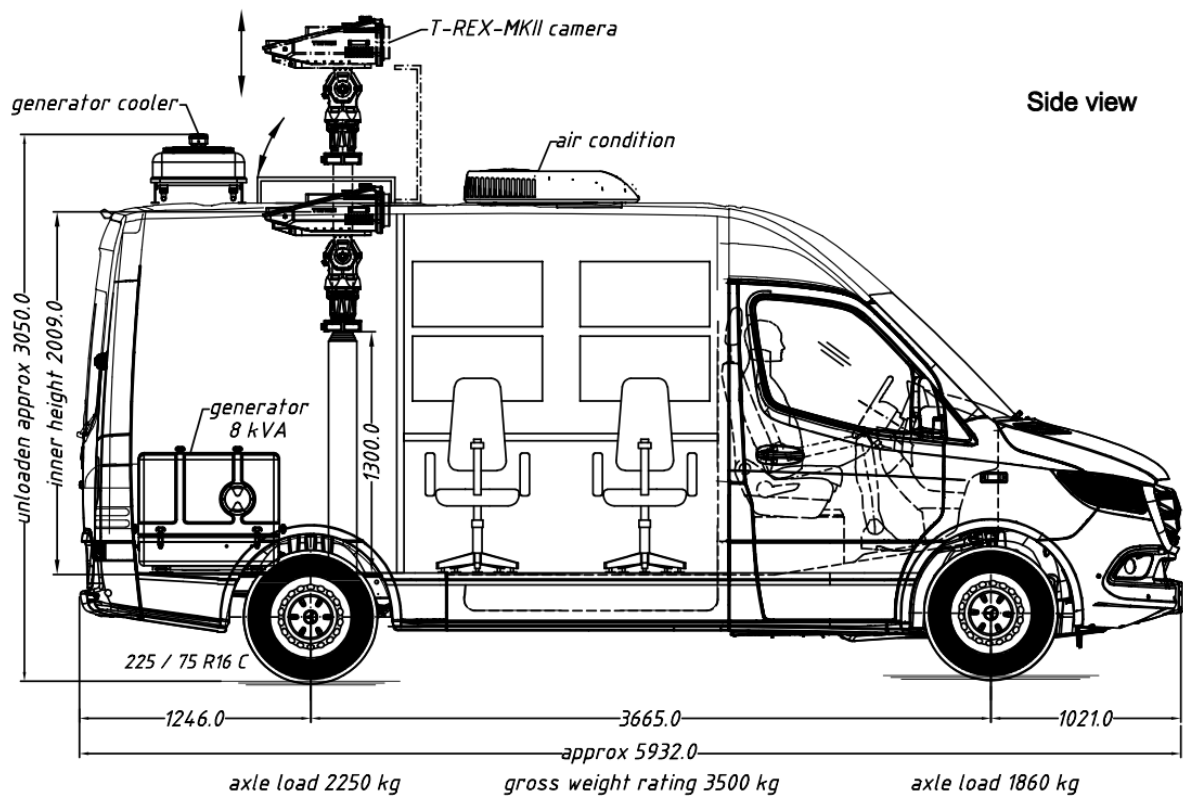
Vehicle codes:

- High roof
- Sliding door right
- Electrical entrance step for sliding door right
- Deletion of partition wall
- Air conditioning for driver's cabin
- Additional battery for retrofitted consumers
- Parameterizable special module
- Rear entrance for service

Final technical specification to be agreed on. The chassis will be ordered from MIVECO factory to our factory for conversion.

The final registration needs to be done by the end-user.

2 DESIGN DRAWING



3 CUSTOMIZATION

3.1 FLOOR

Delivery and installation of a light-wooden or fiberglass flooring for complete load compartment, with either PVC- or rubber coverages incl. sealing around.

3.2 WALLS

Delivery and installation of light-weight plastic / fiberglass coverages for complete side walls and roof, coloured in grey or similar.

3.3 PARTITION WALL

Delivery and installation of a wooden partition wall in front of the wheelhouses to separate the office and workshop area as follows:

3.4 OFFICE AREA

Delivery and installation of an office area behind the driver's cabin, without any partition to driver's cabin. The office area is equipped as follows:

- Installation and fixation of two 24/7 Humanscale Freedom chairs, the gold standard of command room chairs. The seats can only be used in stationary operation mode.
- Delivery and installation of working desk at the side wall left in driving direction. Customization as per discussion.
- Installation a high-performance graphical videowall controller that allows to organize the different sources of information.
- Installation of 2 industrial operator monitors and 1 command videowall panel for use with DataWall for optimized command structure.
- Installation of the Camera specific console and server infrastructure.
- Installation of 5G Router and roof antenna.

DETAILED DESCRIPTION WILL BE AGREED ON PERCHASE ORDER

3.4.1 REAR COMPARTMENT AREA

Delivery and installation of a rear compartment workshop area behind the office area, equipped as follows:

- Diesel Power Generator
- Technic for air-condition and power generator

3.5 OTHER EQUIPMENT

- Installation of an under-vehicle corrosion protection
- Delivery and installation of additional first-aid kit
- Delivery and installation of one fire extinguisher with capacity of 2,0 kg

4 ELECTRICAL EQUIPMENT

4.1 ELECTRICAL GROUND INSTALLATION / EQUIPMENT

- Delivery and installation of electrical ground installation with cables, sockets, distribution box, etc.
- Electrical battery main switch to cut off battery power immediately

4.2 GENERATOR SYSTEM

Delivery and installation of a water-cooled diesel power generator – type Fischer Panda – with approx. 8 kVA power to operate 220 V / 50 Hz system inside the rear workshop area.

The power generator will be mounted and is directly connected to the vehicle fuel tank.

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4.3 BATTERY / CHARGER

Delivery and installation of one body battery incl. charger unit (12V).

4.4 AIR CONDITIONING

Delivery and installation of a high-quality 230 V / 50 Hz roof mounted / or inside mounted air conditioning with approx. cooling capacity of 3,1 kW. Air outlets inside the office and partial if needed inside the workshop area.

The air conditioning can be operated either by power generator or 230 V landline connection.

4.5 LIGHT MAST TEKLITE

Delivery and installation of one mast-system, existing of:

- Camera and light mast with pneumatic approx. 4-5 m extendable mast (from ground)
- Equipped with 4 LED-Type light with each one 50 Watt
- 12 V compressor system for extension, etc.
- Remote control unit with 360° turning on the lighting

4.6 SURVEILLANCE CAMERA SYSTEM

Installation works of one 360° surveillance camera system Long Range Observation and Reconnaissance System recommended foreseen installation onto the roof mast as well as totally four (04) AXIS cameras for general vehicle observation, foreseen each one around the vehicle sides.

KEY ADVANTAGES OF T-REX AS COMPARED TO COMPETITION

- Full HD Daylight, image sensor CMOS
- Electronic image stabilization
- 1.1km Human Recognition
- 3.4km Vehicle Recognition
- Single Enclosure Design - Factory Calibrated Sub-Sensor Alignment. Easy to Install, Integrate and Maintain
- Including Rugged Console with Handgrip Controller & AXIS Software
- Mobile certified computer with AXIS control software.
- Recorder for the cameras system
- 4 surveillance cameras providing 360° simultaneous streaming coverage.

4.7 INTERIOR LIGHTING

Delivery and installation of an interior lighting with LED-lights switchable via switch in the driver cab.

4.8 OUTSIDE LIGHTING

Delivery and installation of outside LED-lamps, each one per side with switch inside the driver's cabin.

4.9 WARNING LIGHTS

Delivery and installation of a warning light system blue / red existing of:

- 2 pcs. Flashing lights mounted inside the front radiator grill
- 2 pcs. Flashing lights mounted at the upper rear of the vehicle, each one (1) left and right

4.10 OPTIONAL SYSTEMS TO BE DISCUSSED

5 LTE/5G Router

Used to transmit real-time data to the control room. Internet connection and network availability are the responsibility of the end-user.