

Technical specifications

Nr. d/o	TECHNICAL SPECIFICATION	Special vehicle
	Quantity	10 units
1.	BODY TYPE	SUV
2.	ENGINE CAPACITY	min 1450
3.	FUEL	Diesel
4.	GEARBOX	Manual 6+1
5.	TRACTION	4x4
6.	LEVEL OF POLLUTION	Euro 4
7.	NUMBER OF SEATS	5
8.	ENGINE POWER	min 110 hp
9.	STEERING TYPE	Electrically
10.	WHEELS	min R16
11.	BRAKING SYSTEM	with anti-lock braking (ABS) and braking force distribution or equivalent
12.	TANK CAPACITY	min. 50 l
13.	SPEED	min. 165 km/h
14.	TRUNK VOLUME	min. 400 l.
15.	SPARE WHEEL	normal size
16.	GROUND CLEARANCE	min. 200 mm
17.	ENGINE PROTECTION	Metal protective shield
18.	Equipment	ABS with brake force distribution (EBD) and emergency brake assist (EBA); or equivalent technology;
		Airbag Front ,Side
		ASR + ESP (anti-slip and trajectory control systems) or equivalent technology;
		HSA (hill start assist) or equivalent technology;
		Tire pressure monitoring system;
		Central locking with remote control;
		Front/rear electric windows
		ECU
		Fog lights;
		Roof bars
		air conditioning system
		Media Display, Radio DAB, USB, Bluetooth, Multiview camera,
		Light sensor
		Electrically adjustable rear-view mirrors
		Height- and lumbar-adjustable driver's seat
		Acoustic sensors front and rear parking
		Video-parking assistance
		Converter 220V
19.	ANTI-THEFT SYSTEM	Height- and depth-adjustable steering wheel
20.	COLOR	Cruise Control
21.	WARRANTY	Electronic Immobilizer
22.	YEAR OF MANUFACTURE	White
23.	COMPLIANCE	Min. 3 years or 100000 km
Accessories		New Car 2023
26.	Set of (4 units) winter tires	Authorized dealer certificate
27.	Front/rear rubber mats	
28.	Textile mats salon front/back	
29.	Mudguard	
30.	Extinguisher	
31.	Car medical kit set	
32.	Installation of sound and acoustic signals	
33.	GPS Tracker	
34.	passenger compartment	rear compartment bounded by resistant protective mesh (type "T") front and rear, side resistant windows, door lining made of blow-resistant plastic material
35.	APPLICATION OF COLOR-GRAPHIC SCHEME	Application of color-graphic scheme, identification markings and informational inscriptions on special vehicles, using reflective material, according to internal regulations of the Police.
36.	Portable starter	Yes

37	Video recorder	Yes
38	Operator availability to connect modular devices after delivery without loss of warranty (ramp control system, GPS)	Yes
39	Possibility to transfer the right to a different unit with MIA or to a different company without losing the warranty	Yes

Traffic light with siren and speaker



LED light ramp (traffic light) with siren and speaker		*NOTE: Sound and acoustic signals should include the following components:
		1. Beacon and siren control block
		2. Front flash projectors (red/blue), led controller – 4 pcs.
		3. Rear flash projectors (red/blue) – 4 pcs.
		4. Light ramp as per specification (for 22 transport units):
		Color Blue/Red
		LED light ramp, Aluminum radiator 60 LEDs, Magnifier lenses
		360 degree light Yes
		Light sensor Yes Change brightness automatically/manually
		Lighting regimes 25 At the operator's choice
		Traffic Routing -
		Quantity of LEDs, left turn signal 30 LED With magnifying lens
		Quantity of LEDs, right-hand turn signal 30 LEDs With magnifying lens
		Quantity of LEDs, 3+3 LED Siren Beacon With magnifying lens, with stationary mode
		Power of the LEDs, one led/total beacon, Watt 3 Watt/198 Watt With magnifying lens
		Directional reflector - Yes, for each LED
		Left LED light - Yes, 6 LED 18 Watt, With magnifying lens
		Straight LED light - Yes, 6 LED 18 Watt, With magnifying lens
		Single control system, light ramp - Yes With working mode indication, color display
		Length, LED light ramp, m 1,165
		Width, LED light ramp, m 0.36
		Height, LED light ramp, m 0.069/0.084
		Siren device - Yes, located on the center 6 sounds, Wail, Yelp, Hilo, Manual, Combined and Horn
		Sound signal frequency, siren device 300 – 10000 Hz
		Sound signal power, siren device 100 Watt, 120-127 dB
		Single control system, siren Yes With microphone, color display display
		SOS system - Yes/ Activation of all signals, in case of emergency
		Backup power line - Yes
		24 month warranty

GPS Trackers

	GPS - model Teltonika or similar Suitable from the point of view of functionality can be recommended model FMB 130 or similar	FMB130 – Advanced 2G Tracker With Flexible Inputs (teltonika-gps.com)
	LV-CAN 200 or similar	https://teltonika-gps.com/products/trackers/can-obd-data/lv-can200

Passenger compartment / detainee compartment

		1. Separating wall of the two compartments, made in open molds, with several separation planes: reinforced, resistant to possible mechanical shocks produced by the detained persons, sealed from a single piece of ABS-Forte, through thermoforming, resistant to shocks, provided in the central part at the level of the rear-view mirror with a window with the dimensions of 300 x 200 mm made of unbreakable glass, without visibility from the restrained compartment protected by a metal grill in the rear compartment and with air intakes protected by perforated sheet at the bottom under the front seats.
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		<p>2. Rear seat: made of ABS-Forte, through thermoforming (tensile strength 70 N/mm², tear resistance 170 N/mm², modulus of elasticity 5200 N/mm², Barcol hardness 48°B, Charpy shock resistance 50 kJ/m²), resistant to shocks, compressions, bending, reinforced, from a single piece, provided from the factory with two seats and with a recess in the backrest at the level of the seat, large enough to ensure the immobilization of the detained persons with their hands behind their backs, handcuffed.</p>
		<p>3. The floor: made of material resistant to shocks, compressions, bending, from a single piece, from ABS-Forte, through thermoforming, provided from the factory with two floor siphons for draining water from the vehicle.</p>
		<p>4. The side and rear windows: tinted with foil that does not ensure visibility from the outside to the compartment for detainees</p>
		<p>5. Rear door panels: made of OL 52, g = 1 mm, resistant to shocks, compressions, bending, made of a single piece, which does not allow opening the door or the side window, firmly fixed on the door. - Three-point safety belts for the rear seats. - Additional safety elements: steel grids, painted in an electrostatic field, on the windows and behind the headrests fixed to the metal structure of the body by means of screws with buried head/pop rivet.</p>
		
Color scheme		
	<p>The application of the color-graphic scheme, identification markings and information inscriptions on special vehicles, with the use of reflective material, according to the internal regulations of the Police.</p>	https://www.legis.md/cautare/getResults?doc_id=136623&lang=ro#
Starter		
	OSRAM BATTERY start 400, or similar	
	<p>High power Lithium Cobalt LiCoO₂ starter for 12V vehicles up to 8L with petrol and 4L diesel engines. Compact, without compromising power, BATTERYstart400 weighs only 700g and fits easily in the glove box of your car - making use in emergency situations. BATTERYstart400's intelligent clamps have anti-peak protection, reverse polarity and short-circuit protection, keeping you safe, in working conditions, the car and the starter. It also includes an external battery function for charging electronic devices such as mobile phones and tablets and a bright LED work light. Ideal for all sizes of cars, SUVs, vans and motorcycles, or similar</p>	https://catollux.md/ru/katalog-tovarov/avtomobilnye-aksessuary/zaryadnye-ustroystva/pusko-zaryadnoe-ustroystvo-s-funkciey-power-bank-osram-obsl400-batterystart-400
Video recorder		
	Video resolution: at least: Full HD 1920 x 1080	
	Viewing angle: at least 150° Screen size: at elast: 5 "	
	Night vision camera sensor: Yes	
	Power source: Cigarette lighter socket,	
	Battery Storage medium: MicroSD	
	WiFi	
	Basic Features	
	Camera Type - Car DVR	

	Camera Power source - Cigarette lighter socket,	
	Battery Camera Type Front and Rear Dash Cam Set	
	Camera location Windshield/Bumper	
	Color Black	
	MicroSD storage medium	
	Video resolution - at least 1920 x 1080	
	Sensor resolution - 1920 x 1080	
	Viewing angle - at least 130°	
	G-Sensor - Yes	
	Display Characteristics	
	Built-in microphone - Yes	
	App Management - Yes	
	Wi-Fi - Yes	