



- Electric drive
- Wheel configuration 4x4
- Front wheels are steerable
- Suspension based on a swing beam
- Standard batteries
- Standard control protocols
- Standard video transmission protocols

Specification	
Product Name	Pilotix Nexton S3
Model	Olive 4x4 2000W
SKU	7296
Main Features	
Base platform type	Body-based
Chassis type (mobility system) of the complex	Wheel-based
Unit Power supply type	Electric
Engine power, W	4×500
Dimensions (L×W×H), mm	860x810x385
Load capacity, min, kg	100
Weight, kg: equipped / full	55 / 155
Cruising range (not less than), km	26
Endurance, operation (not less than), h	2.6
Setup and teardown time, min	15
Operating range:	
Temperature (from ... to) °C	From -10 to +40
Pressure mm/Hg	From 720 to 800
Precipitation (snow, rain, fog)	Yes
Wind speed, m/s	20
Control operation	
Control Channel Specifications:	
Control and Telemetry, MHz	915
Video, GHz	5.8
Control radio channel range, minimum, km:	
In open area (line of sight)	1.0
In rough terrain:	
Hills (5–7 m height)	0.5
Dense forest	0.5
Power Supply	
Battery type, voltage, V	4 x Li-Ion 8S, 29.6 1 x Li-Ion 6S, 22.2
Battery capacity, Ah	4 x 20Ah 1 x 10Ah
Maximum charging time of all batteries, hours	3

Tactical and Technical Specifications

Nº	Parameter Name, Unit of Measurement	Value
1	Base Platform Type	Body-based
2	Chassis type (mobility system) of the complex	Wheel-based
3	Unit Power supply type	Electric
4	Engine power, W	4×500
5	Wheel configuration	4×4
6	External dimensions (L×W×H), mm	860x810x385
7	Ground clearance, not less than, mm:	120
8	Load capacity, not less than, kg	100
9	Mass, kg: Equipped Maximum (full)	55 155
10	Obstacles overcome on dry grassy soil, not less than: Maximum climbing Tilt angle, degrees Maximum Roll angle, degrees Height of vertical obstacle, mm Width of trench (ditch), m Maximum ford depth with solid bottom, m	20 20 125 0.25 0.1
11	Maximum speed, not less than, km/h: On hard surface roads Off-road	20 10
12	Range distance, not less than, km: On hard surface roads Off-road	50 30
13	Operating time, not less than, hours	2.6
14	Autonomous operation duration, not less than, h.	24
15	Deployment and setup time, up to, min.	15
16	Teardown time, up to, min.	15
17	Operating range: Temperature (from ... to) °C Pressure mmHg Precipitation (snow, rain, fog) Wind speed, m/s	From -10 to +40 From 720 to 800 Yes 20
18	Tactical operational radius, not less than, km	0.5
19	Control radio channel range, minimum, km: In open area (line of sight) In rough terrain: Hills (5–7 m height) Dense forest	1.0 0.5 0.5
20	Control Channel Specifications: Control and Telemetry, MHz Video, GHz	915 5.8
21	Maximum charging time for all batteries, max, h.	3
22	Battery type, voltage, V	4 x Li-Ion 8S, 29.6 1 x Li-Ion 6S, 22.2
23	Battery capacity, Ah	4 x 20Ah 1 x 10Ah
24	Optical-electronic surveillance devices, units: Daytime video camera	1
25	Camera viewing angle: Horizontal plane, degrees Vertical plane, degrees	170 170
26	Noise level during movement, max, dBA: At maximum speed, dBA	72.6
27	Number of operating personnel, persons	1
28	Optional equipment: Daytime camera Night vision camera Load fastening equipment	

Available modifications



Pic. 1. «Platform» modification



Pic. 2. «Logist» Modification