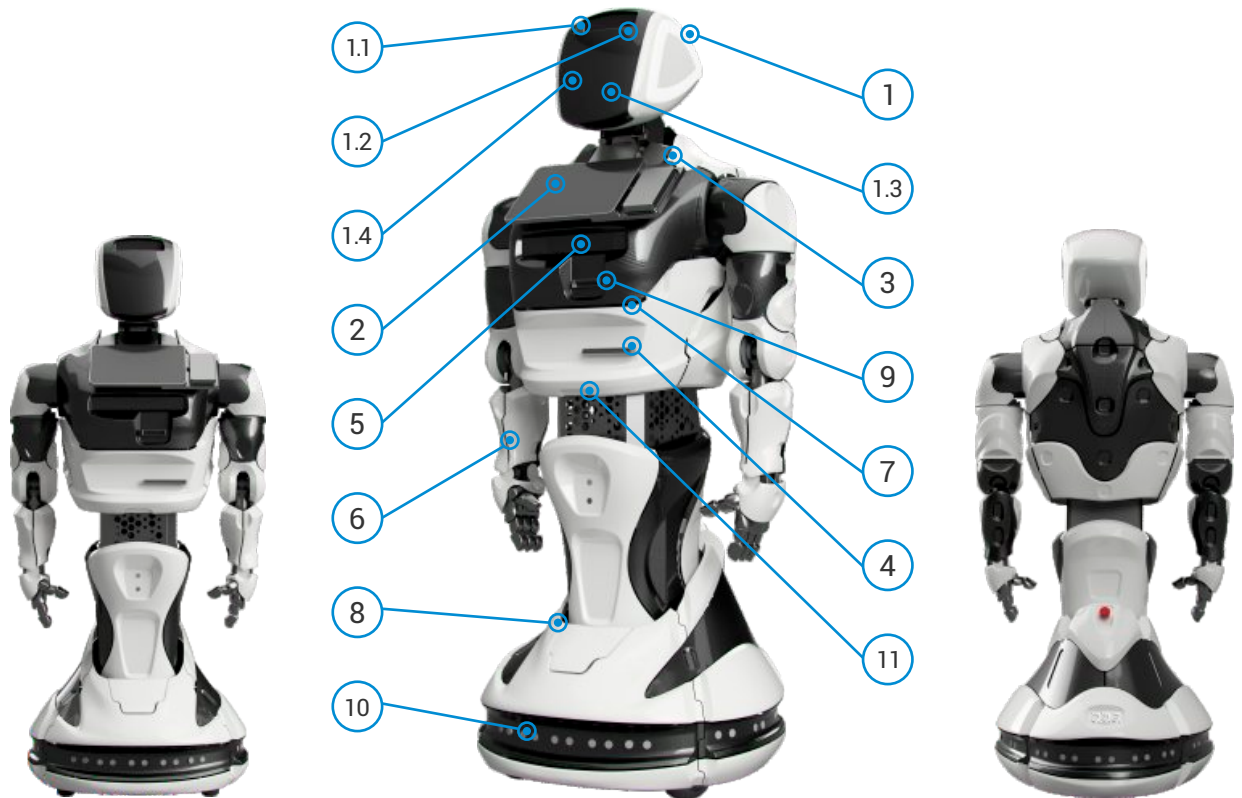


# Main Parameters

## Promobot V.4 Technical characteristics



### 1. Head of the Robot

- 1.1. Camera
- 1.2. Microphone
- 1.3. Touch sensor of «head»
- 1.4. RGB Matrix of emotions

### 2. Interactive LCD screen for information display with touch controls

- 3. Speakers for audio playback
- 4. Printer for printing photos

### 5. 3D sensor

- 6. «Robotic arms», equipped with touch sensors
- 7. PIN pad

### 8. Movement platform

- 9. Cheque printer
- 10. Sensor system to avoid obstacles while moving
- 11. Charging station searching camera

No.	Parameter	Characteristics
1	Robots dismensions	Min: 1466x782x730 (HxWxL), mm Max: 1566x2082x730 (HxWxL), mm
2	Charging station dismensions	700x650x300 (HxWxL), mm
3	Transportation trunk	1615x880x980 (HxWxL), mm
4	Time of charging	Via charging station: up to 10 hours Via wire: up to 8 hours

No.	Parameter	Characteristics
5	Battery life	up to 8 hours
6	Movement speed	0,3 km/h
7	Drive	2 wheels
8	Robotic arms	2 pcs, 7 degrees of freedom
9	Head turning	2 degrees of freedom
10	Torso turning	3 degrees of freedom (depends of specification)
11	Camera	Face recognition: CMOS 1/2.8", up to 25 (30) fps, resolution 1920x1080 Telepresence mode: up to 30 fps, resolution 640x480 Charging station searching camera: up to 30 fps, resolution 640x480
12	Microphone	omnidirectional
13	Speakers	25 watts 2 pcs.
14	Display	10.1" touchscreen, resolution 1280x720
15	Sensors	Ultrasonic 16 pcs., 3D sensor 1 pcs., Sensor of touch 4 pcs.
16	Body material	Plastic
17	Color	Black+white
18	Diode matrix of face	RGB (full colour)
19	Pronunciation of the speech modules	Via speech synthesis
20	Random movement	Yes
21	Autonomous searching of charging station	Yes

No.	Parameter	Characteristics
22	Service of linguistic database and phrases	Yes
23	Printer for printing photos	Yes
24	Possibility of installation PIN Pad	Yes

### Contents of the package:

- Robot Promobot;
- Operation manual and manufacturer's specification;
- Charging station;
- Remote controller.

For stability working, robot needs dedicated Wi-Fi with a speed not less than 4 mb/sec, Ping parameter not more than 50 ms.