X-Human 凌度智能

Lingguang G2
Solar panel intelligent cleaning robot

PREPONDERANCES

• Intelligent vision system

Self-developed owl intelligent vision system"owl eyes",relying on the RGBD depth camera,AI recognition algorithm,SLAM and other cutting-edge technologies and algorithms,Automatic identification of usage scenarios,Build and plan the optimal path in real time to realize intelligent automatic cleaning.

• Real-time video image transmission

Wireless graphics transmission distance of 1000 meters, omnidirectional dual transmission, effectively solve the non-line-of-sight, large delay, instability and other problems.

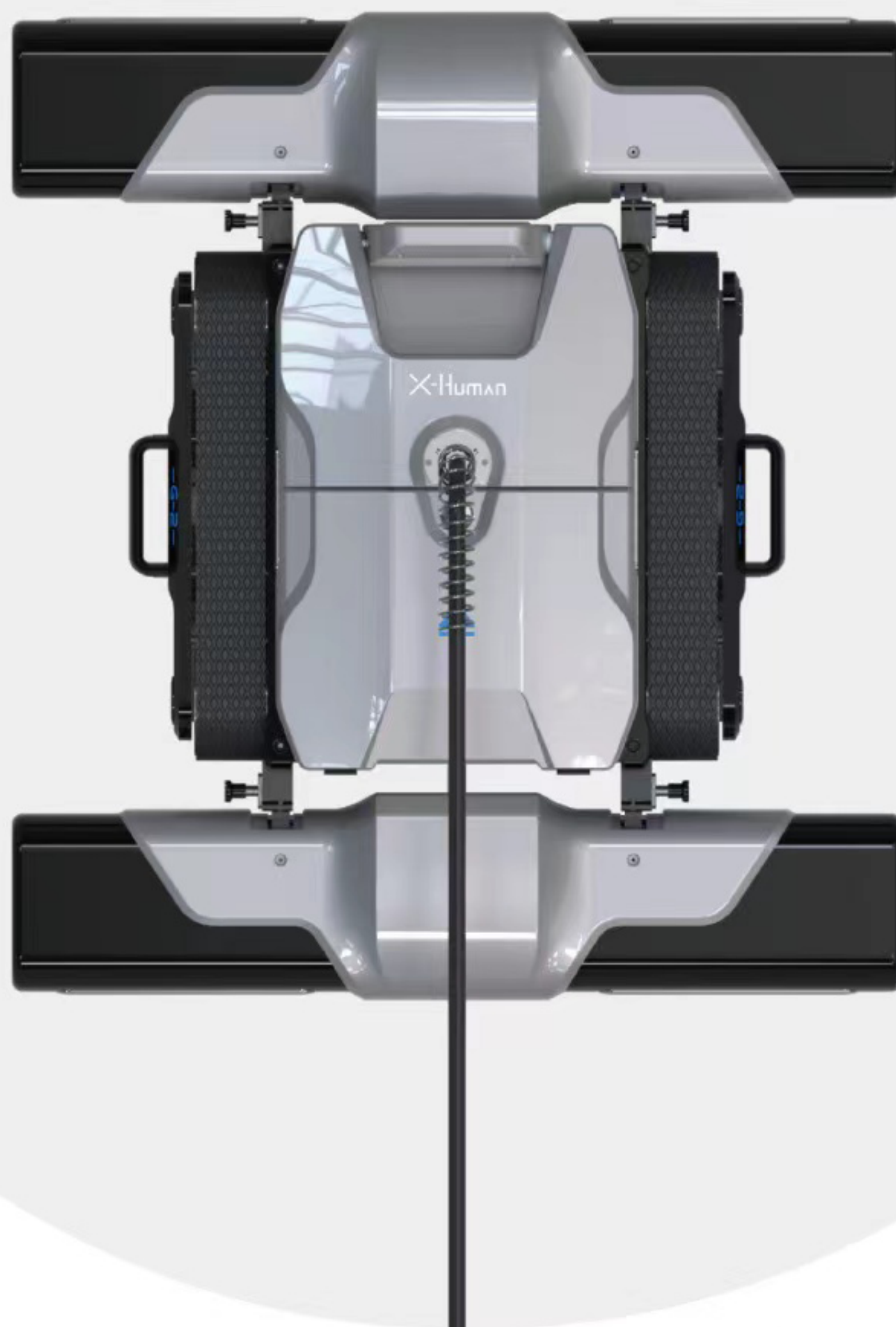### • High protection and corrosion protection

Protection grade IP65, good waterproof and dustproof sealing, corrosion grade C4, adapt to harsh scenes, ensure product life.

• Excellent quality

The line and accessories of the machine are all made of car grade products.

• Battery life

Battery capacity 60AH, full charge for 8 hours, cleaning 1000 square meters per hour.

PARAMETERS

Version: Lingguang G2 (Automatic and manual)
Size: 1100mm×1000mm×300mm
Weight: 40 KG
Working slope: 0~15°
Overcome obstacles: 5cm
Speed of travel: 0.3m/s
Cleaning efficiency: 1000 ㎡ /h
Fixed mode: No fixation
Time of endurance: 8H/one battery
Rated power: 170W
Mode of travel: Electric machine+Crawler track

Operating ambient temperature: -10℃~45℃
Power supply: Built-in battery(24V 60AH)
Water supply mode: Connect water pipes
Cleaning material: Solar panel
Width of cleaning surface: 1m
Power-off protection: Low battery reminder
Application scenario: Small sized solar power stations
Water consumption: Dry cleaning and water washing
Control equipment: Yes
Cleaning components: Yes
Camera: Yes