

FEATURES LIST

SAFE. SMART. EFFECTIVE.



Helix Technology

The H4 is powered by a patented cleaning method, moving horizontally yet cleaning vertically eliminating any accumulation of dust particles



Water Free

Effective cleaning without a single drop of water using soft microfibers and controlled airflow, gently caressing the module



Truly Autonomous

The H4 requires no operators, and is completely autonomous, energy independent, cloud based and remotely managed from anywhere, anytime



Bidirectional Cleaning

A patented auto switch in Helix cleaning direction, allowing the robot to clean from either side of row as needed, minimizing the time spent on the panels



Smart Movement

Utilizing advanced sensors and machine learning capabilities, the robot automatically adapts and easily overcomes any obstacle on the row



"Super Duster" Mode

The robot can initiate a turbo mode post extreme soiling events for optimal results, ensuring any soiling levels can be met



Swift Cleaning

Designed ideally for humid environments thanks to its fast and efficient movement, cleaning can be done even before humidity settles in



Soft & Flexible Wheels

Each robot is equipped with a set of uniquely designed wheels, safely absorbing sudden movements while protecting the panels



Monitoring And Analytics

The robot's performance is continuously monitored and analyzed, providing insights and analytics via secured web-based dashboards



Flexible Structure

Providing an efficient and effective cleaning with supreme maneuverability and a safe load distribution - reaching even the hardest cleaning areas



Easy Deployment

Fully compliant with any structure, the H4 is shipped ready for deployment - "Plug & Play", no rails required



Trusted And Reliable

Ecoppia's unparalleled track record in the past decade alongside its renowned safety capabilities assures the Ecoppia H4 is met with the highest standards