



ADVANCED INTELLIGENT SYSTEMS

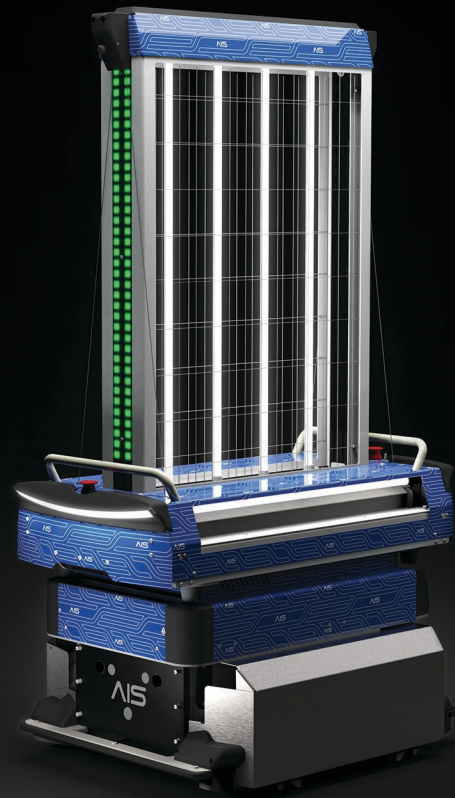


AUTONOMOUS

UV ROBOT FOR GREENHOUSES

Phoenix is a UV robot used for sustainably controlling harmful fungi, such as powdery mildew, in greenhouses. Fungi are major diseases in the vegetable, fruit, and cannabis industries that can result in stunted plant growth and significant yield loss. Fungi are traditionally controlled through the application of chemicals and fungicides, which are not always effective and can lower crop yields.

Scientific studies have confirmed UV technology as an environmentally friendly and effective solution for controlling fungi.



PHOENIX

AIS has developed Phoenix in collaboration with industry growers to help them combat fungi by combining UV technology, autonomous robotics, and AI.

ABOUT AIS

Advanced Intelligent Systems (AIS) is a Canadian custom robotics engineering firm that reduces the cost, time, and risk of creating autonomous robotic solutions via rapid customization of proprietary software and hardware modules. AIS's vision is to make robotics accessible to everyone.



PHOENIX FEATURES



Autonomous UV treatment of powdery mildew and other fungi



Obstacle detection and collision prevention



Designed for use on greenhouse-grown produce



Autonomous rail switching and omni-directional mobility



Clean tech zero-emission solution



Graphical user interface
Remote tele-operation



Reduces the need for chemicals



Fleet management



Minimal impact on biological controls



Designed for pipe-rail greenhouses

AIS

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