

From TITAN to Axia:

Evolving Control for the Next Generation of Growing

Overview

For decades, Argus TITAN has been a trusted backbone of environmental control - delivering reliable, precise performance for growers around the world. As operations scale and expectations evolve, so too must the technology that supports them. Argus Axia represents the next generation of plant-centric control systems, purpose-built to meet modern demands for connectivity, scalability, and ease of use.

While TITAN remains a proven and dependable solution for thousands of growers, Argus Axia introduces advanced hardware flexibility and an intuitive user experience that unlocks new levels of efficiency, visibility, and control. For operations looking to future-proof their infrastructure, upgrading to Axia is a strategic step forward.

Hardware Comparison

Category	Argus TITAN	Argus Axia
System Design	Fixed hardware configurations	Modular and scalable architecture
Scalability	Expansion requires planning and possible redesign	Easily expandable without major rework
I/O Flexibility	Defined I/O structure	Universal I/O cards for flexible configuration
System Expansion	May require additional I/O hubs or components	Expansion without additional hubs or cards
Diagnostics	Software-based diagnostics requiring navigation	Real-time diagnostics with immediate feedback
Onboard Feedback	Limited physical indicators	Built-in OLED display showing measurements, signals, and sensor types
Visual Indicators	Basic LED indicators	Enhanced LEDs for clearer system status
Manual Control	Limited direct hardware interaction	Push-button overrides for quick control adjustments
Troubleshooting	Requires experience and system navigation	Faster troubleshooting with onboard visibility



Pictured left, Argus Axia represents the next generation of control for greenhouses, vertical farms, and indoor cultivation environments. With fully programmable input and output cards, Axia gives growers the freedom to adapt and scale their systems without being constrained by fixed hardware configurations.

Software Comparison

Category	Argus TITAN	Argus Axia
System Architecture	Traditional on-site server-based system requiring local infrastructure	Cloud-native architecture with built-in remote access, secure backups, and automatic updates. Local mode available for offline control
Remote Access	Configured separately and maintained manually	Built-in remote access available securely from anywhere
Software Updates	Manual updates required	Native, automatic updates handled within the platform
Data Security	Local backups dependent on user processes	Automated, secure cloud backups
User Management	Basic user setup and permissions	Advanced role-based permissions with tiered access across organizations
Authentication	Standard login security	Secure authentication protocols
Multi-User Support	Supported with limitations	Fully optimized multi-user environment
Multi-Site Management	Sites managed individually or with added complexity	Centralized multi-site access and control in one interface
User Experience	Functional, traditional interface	Modern, intuitive UI with clean design
Monitoring	Standard system views	At-a-glance dashboards with configurable data cards and trend indicators
Visualization	Basic graphical or text-driven displays	Graphical zone views, I/O modules, schedules, and setpoints
Decision-Making Speed	Requires deeper navigation	Faster insights with visual dashboards



"Axia isn't just a new interface - it's a smarter, faster way to see and control your operation."

