

# Aeon Matrix Introduces Yardian Pro Smart Sprinkler Controller



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At Aeon Matrix, we design and create innovative and useful IoT devices with cloud services to improve our consumers' quality of life and their communities. It is Aeon Matrix's mission to care for people and the world where they live, play and work.

## Product Description

Yardian Pro created by Aeon Matrix is the smartest sprinkler controller on the market. It is EPA WaterSense certified with access to local weather data and a unique Local Municipal Water Restrictions database to save water resources and money; beautify lawns and gardens; avoid municipal watering fines. 4x Wi-Fi signal strength, RJ45 port and on-device buttons provide the easiest and most flexible installation experience.

## Product Benefits

- Apple HomeKit, Amazon's Alexa, Google Assistant and Google Home integration
- EPA WaterSense, Wi-Fi, UL, CE and RCM certified
- 100VAC – 240VAC full-range power supply with Level VI energy efficiency
- Built-in 2.4G Wi-Fi with 4x signal strength for improved connection quality, reducing the need for Wi-Fi extenders
- RJ45 port for Ethernet cable, which can be used instead of Wi-Fi
- On-device buttons for "Auto Zone Scan" to show valve connection and status, and "Instant Watering Control" to run a zone for a specified duration
- Two sensor ports for rain sensor and/or flow sensor
- Dedicated master/pump and 24VAC output port
- Indoor use. Outdoor enclosure available as an accessory
- Easy installation
- Significant water usage reduction with Smart Program
- Control watering schedules anytime and anywhere
- Unique local municipal water restrictions database
- 2-year limited warranty

# Yardian Pro Technical Specifications



## App

- iOS 9.0+ and Android 4.4+
- Web control available:  
<https://webapp.yardian.com>



## Interfaces

- 8-zone/12-zone with surge and overcurrent/short protection
- On-device buttons for “zone status detection” and “instant watering control”
- RJ45 port and USB port
- Dedicated master valve/pump
- Dedicated 24VAC output port
- Two sensor ports
- Wire range: 14AWG – 22AWG



## Dimensions and Weight

- 6" L x 6" W x 1.38" H  
(15cm x 15cm x 3.5cm)
- 1lbs (0.45Kg)



## Controller Power

- Yardian must be connected to the power adapter included
- Input: 36VDC, 1.66A
- Output: 24VAC, Max.1A



## External Power Adapter

- Input: 100 – 240VAC, 50 – 60Hz, Level VI efficiency
- Output: 36VDC, 1.66A



## Rain Sensor Support

- Programmable to Normally Closed (NC) or Normally Open (NO).



## Flow Sensor Support

- Pulse output sensor



## Operating Temperature

- -22°F to 140°F (-30°C to 60°C)



## Warranty

- 2-year limited warranty



## Design

- Indoor use



## Internet Connection

- Built-in Wi-Fi 2.4G, 802.11 b/g/n



## Future Proof

- Apple HomeKit, Amazon Alexa, Google Assistant and Google Home integration
- Future integrations through Over-The-Air software updates

