

# SMARTPHONE-FRIENDLY IRRIGATION CONTROLLERS

## FOR RESIDENTIAL/LIGHT COMMERCIAL APPLICATIONS

**Editor's note:** Information presented in these charts was provided by manufacturers. Please contact the manufacturer directly for more details.

Manufacturer	Model name(s)	EPA WaterSense certified	Maximum stations	Weather data source	Rain data source	Rain delay	Subscription fee for weather data
<b>Aeon Matrix</b>	Yardian Pro Smart Irrigation Controller	✓	12	Aeris Weather, PWS Weather	Aeris Weather, PWS Weather and on-site rain sensor	user conf.	
<b>BlueSpray</b>	BlueSpray		64	NOAA	NOAA	auto.	
<b>Hunter</b>	HC, Pro-HC, HPC-FP, Pro-C Hydrawise, HCC	✓	54	Weather Underground and The Weather Channel; local airport weather stations, personal weather stations and virtual weather station options available	Weather Underground and The Weather Channel forecasts, weather station data and on-site rain shutoff sensor	user conf.	✓ (if more than one airport station is to be subscribed)
<b>HydroPoint</b>	WeatherTRAK LC+, WeatherTRAK ET Pro3, WeatherTRAK OptiFlow XR, Baseline AG 1000, Baseline BaseStation 1000, Baseline BaseStation 3200	✓	100	data collected from 45,000+ government-regulated weather stations across North America	current local weather and forecast from weather stations	✓	
<b>Hydro-Rain</b>	HRC 400 WiFi, HRC 410, HRC 480, HSC, CMS	✓	63	WeatherSense uses Aeris Weather (commercial weather stations), PWS Weather and others	WeatherSense and on-site sensors, or when connected to a hub	user conf.	
<b>Irritrol</b>	Climate Logic proprietary plug in for Irritrol Kwik Dial, KD2, Total Control and MC-E Controllers	✓ (with Climate Logic)	12	on-site sensor	rain sensor, no rainfall measurement	user conf.	
<b>Jain/ET Water</b>	SmartBox, SmartWorks and Hermit Crab 2	✓	48	multiple streaming weather data sources	multiple streaming weather data sources	auto.	✓
<b>K-Rain</b>	Pro EX 2.0, Pro LC Wi-Fi		28	Aeris Weather via local weather stations	Aeris Weather and rain sensor	user def. up to 14-days	
<b>Orbit</b>	B-hyve, B-hyve Indoor, B-hyve XR	✓	16	WeatherSense uses Aeris Weather (commercial weather stations), PWS Weather and others	WeatherSense and on-site sensors	user conf.	
<b>Rachio</b>	Rachio Irrigation Controller	✓	16	NOAA, PWS Weather	NOAA, PWS Weather	user def.	
<b>Rain Bird</b>	LNK2 WiFi Module works with ESP-TM2, ESP-ME3, ESP-LXME2, and ESP-LXIVM	✓	240 (when installed with the ESP-LXIVM)	World Weather Online	World Weather Online	auto. or user config.	
<b>Smart Rain</b>	ComPro3	✓	48	NOAA/IBM New	NOAA/IBM New	auto.	✓
<b>Spruce Irrigation</b>	Spruce Controller WiFi	✓	16	WeatherKit and optional soil moisture sensors	WeatherKit and optional soil moisture sensors	user conf.	
<b>Toro</b>	TMC and Evolution Series Controllers	✓ (with Climate Logic)	24	on-site sensor and Toro Precision Soil Sensor with Evolution controller	on-site rain sensor, no measurement of rainfall	user def.	
<b>Weathermatic</b>	SL and PL Series with SLW15 weather station	✓	48	on-site sensor	on-site rain sensor, no measurement of rainfall	user def.	✓

PWS = personal weather stations

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Manufacturer	Automatic scheduling interval capable	Guest access (contractor)	Home automation	Connectivity	Other product information	Sensor capabilities	Run time input	Watering restrictions	Predictive scheduling (rain, freeze)	Zone customization	Cycle and soak (custom or calculated)	Operation without internet connection
<b>Aeon Matrix</b>	✓	✓	✓	Wi-Fi, RJ45 port for any routers	real-time notifications, prediction of smart watering frequency and duration, automatic local water restriction rules applied on schedules, Level VI power efficiency full-range power adapter, enhanced Wi-Fi antenna for wider coverage, on-device instant control buttons with auto valve scan capability, dedicated master zone and 24VAC output	rain, flow	✓	✓	✓	✓	✓	✓
<b>BlueSpray</b>		✓	✓	Wi-Fi	run time in min/sec, can turn on multiple valves simultaneously	rain, freeze, flow	✓	✓	✓		✓	
<b>Hunter</b>	✓	✓	✓	Wi-Fi	automatic weather adjustments customizable by zone, contractor portal for multisite management, real-time alerts and notifications, built-in milliamp sensor, event logs and reports	rain, freeze, soil moisture, flow	✓	✓	✓		✓	✓
<b>HydroPoint</b>	✓	✓	✓	LTE	remote management through web and mobile app, alerts sent to email/text, advanced flow management features	rain, flow (with optional key)	✓	✓	✓	✓	✓	✓
<b>Hydro-Rain</b>	✓	✓	✓	Wi-Fi (2.4 GHz), Bluetooth, cellular, RF	built-in irrigation audit, drought settings, program scheduling (grow-in), portal for multisite management, event logs, built-in milliamp sensor, real time alerts, over the air updates, hub for other devices	rain, freeze, flow, soil moisture	✓	✓	✓	✓	✓	✓
<b>Irritrol</b>		✓		RF plus	SMRT logic allows auxiliary wireless control up to 250 wireless relays	Climate Logic (rain, freeze)	✓	✓			✓	✓
<b>Jain/ET Water</b>	✓	✓		cell	subscription-based product; standalone or add-on to various models of Hunter, Irritrol, Toro, Superior, Weathermatic, Rain Bird and Rain Master controllers	flow, rain	✓	✓	✓	✓	✓	✓
<b>K-Rain</b>	✓	✓		Wi-Fi	optional long-range antenna for controller, Wi-Fi Hub connects to controller through radio frequency increasing possible distance between router and controller, advanced seasonal adjust allows run automatic run time by the month, landscape lighting program, looping feature	rain, freeze, flow	✓	✓		✓		✓
<b>Orbit</b>	✓	✓	✓	Bluetooth, Wi-Fi (2.4 and 5 GHz) or with hub	built-in irrigation audit, drought settings, program scheduling (grow-in), real time alerts, over the air updates, hybrid programming at device or on app	rain, freeze	✓	✓	✓	✓	✓	✓
<b>Rachio</b>	✓	✓	✓	Wi-Fi	current and historic weather data used, real-time notifications	rain and soil, flow with Rachio 3	✓	✓	✓	✓	✓	✓
<b>Rain Bird</b>		✓	✓	Wi-Fi		rain, freeze, soil, flow	✓	✓	✓		✓	✓
<b>Smart Rain</b>	✓	✓		Wi-Fi, cell		rain, freeze, soil moisture, flow, ET	✓	✓	✓	✓	✓	✓
<b>Spruce Irrigation</b>	✓		✓	Wi-Fi	combines real-time moisture sensor data and weather predictions	rain, flow, Spruce soil moisture sensors	✓	✓	✓	✓	✓	✓
<b>Toro</b>	✓	✓		RF, Wi-Fi plus	grow-in schedule able to control fountains, gates, landscape lighting via a wireless relay	rain, freeze, ET, soil moisture sensor	✓	✓		✓	✓	✓
<b>Weathermatic</b>		✓	✓	RF, cell, Wi-Fi	SmartLine Air Card, no Wi-Fi or router required	rain, freeze, weather sensor, flow	✓	✓		✓	✓	✓