SMARTPHONE-FRIENDLY IRRIGATION CONTROLLERS FOR RESIDENTIAL/LIGHT COMMERCIAL APPLICATIONS

Manufacturer	Model name(s)	EPA WaterSense certified	Maximum stations	Weather data source	Rain data source	Rain delay?	Subscription fee for weather data?
Aeon Matrix	Yardian Smart Irrigation Controller	✓	48	Weatherbug	Weatherbug	auto.	
Aifro	Water Eco and Water Eco Lite		36	real-time local weather data, uses OpenWeatherMap	real-time local weather data, uses OpenWeatherMap	auto.	
Asante	Asante Irrigation Controller Kit		6				
Blossom	Blossom, Scotts Gro Controller	✓	12	current local weather and forecasts from multiple weather services	current local weather and forecasts from multiple weather services	auto.	
BlueSpray	BlueSpray		64	NOAA	NOAA	auto.	
Galcon	Cyberrain	✓	24	local weather stations			
Hunter	HC, Pro-HC, HPC-FP, Pro-C Hydrawise, HCC	✓	54	Weather Underground and The Weather Channel; local airport weather stations, personal weather stations and/or virtual weather station options available	Weather Underground and The Weather Channel forecasts, weather station data and/or on-site rain shutoff sensor	user conf.	★
HydroPoint	WeatherTRAK LC+	✓	36	propietary ET Everywhere Weather Data (public and private weather stations, NOAA)	current local weather and forecast from weather stations	✓	✓
Hydro-Rain	HRC 400 WiFi	✓	16	smart WeatherSense local weather data		user conf.	
H2OPro	H2OPro		8	local weather stations or user-defined local weather stations	weather station, no sensor	auto.	
Irritrol	Climate Logic proprietary plug in for Irritrol Kwik Dial, Rain Dial, Total Control and MC-E Controllers	✓ ✦	12	on-site sensor	rain sensor, no rainfall measurement	user conf.	
Jain/ET Water	SmartBox, SmartWorks and Hermit Crab 2	✓	48	multiple streaming weather data sources	multiple streaming weather data sources	auto.	✓
K-Rain	Pro EX 2.0 WiFi		16	WeatherIQ	WeatherIQ	user def.	
Netro	Netro Sprite and Whisperer		12	local weather data from multiple sources, as well as historical climate data	based on address, with latitude and longitude, collection of weather data from multiple sources	✓	
Nxeco	Nxeco	✓	24	real-time weather			
Orbit	B-Hyve	✓	12	smart WeatherSense local weather data	smart WeatherSense local weather data	user conf.	
Rachio	Rachio Irrigation Controller	✓	16	NOAA, PWS	NOAA, PWS	user def.	
Rain Bird	Lnk Wi-Fi Module works with ESP-TM2 and ESP-Me Series Controllers and WR2 Series Wireless Rain/Freeze sensors; ST8-Wi-Fi Controller	✓	22	World Weather Online	World Weather Online	user def.	
Rain Machine	RainMachine Touch HD	✓	16	options include NOAA, MetNo, Weather Underground, DarkSky.net, FAWS and CIMIS (with subscription to CIMIS)	options include NOAA, MetNo, Weather Underground, DarkSky.net, FAWS and CIMIS (with subscription to CIMIS)	auto.	
RainCommander	RainCommander RC1200		12	None		user def.	
RainPal	RainPal Pro	✓	12				
Signature	EZ Connect and EZ Share series controllers	✓	24	integration of weather data feeds from NOAA, Accuweather, weather forecast data and weather alerts	integration of weather data feeds from NOAA, Accuweather, weather forecast data and weather alerts	user def.	
Skydrop	Skydrop Halo Controller	✓	16	local weather stations	local weather stations	✓	
Spruce Irrigation	Spruce Controller WiFi	✓	16	Darksky.net and optional soil moisture sensors			
Toro	TMC and Evolution Series Controllers	✓ ✦	24	on-site sensor and/or Toro Precision Soil Sensor with Evolution controller	on-site rain sensor, no measurement of rainfall	user def.	
Weathermatic	SL and PL Series with SLW15 weather station	✓	48	on-site sensor	on-site rain sensor, no measurement of rainfall	user def.	✓

✢ "discovery" mode | ✦ with Climate Logic | ★ yes, if more than one airport station is to be subscribed | ✱ yes, backup mode from panel | ✪ with Toro soil moisture sensors

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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
Aeon Matrix	✓	✓	✓	Wi-Fi	built-in security camera, motion detection	rain	✓	✓	✓	✓	✓	✓
Aifro	✓	✓		Wi-Fi	pause feature, winter dormancy, AiCan smart plug to operate house appliances, manually water more than one zone at a time	built-in temperature sensor, optional rain sensor	✓	✓	✓	✓	✓	
Asante		✓		Wi-Fi plus	rain forecast feature	rain/freeze	✓	✓	✓			
Blossom	✓	✓	✓	Wi-Fi	only for indoor installation	rain, freeze	✓	✓	✓	✓	✓	
BlueSpray		✢	✓	Wi-Fi	run time in minutes or seconds, can turn on multiple valves simultaneously	rain, freeze, flow	✓	✓	✓		✓	
Galcon		✓		RF, HW	flow monitor, alerts							
Hunter	✓	✓	✓	Wi-Fi	automatic weather adjustments customizable by zone, contractor portal for multi-site management, real-time alerts and notifications, built-in milliamp sensor, event logs and reports	rain, freeze, soil moisture, flow	✓	✓	✓		✓	✓
HydroPoint	✓	✓	✓	Cell	centralized cloud control for multisite management, alerts, 30+ customizable reports, over the air updates	rain sensor, flow sensor (with optional key)	✓	✓	✓	✓	✓	✱
Hydro-Rain	✓	✓	✓	Wi-Fi	optional catch cups and irrigation audit input	rain/freeze sensor, flow or soil moisture sensor	✓	✓	✓	✓	✓	✓
H2OPro				Wi-Fi	flow monitoring, alerts, restrictions	rain/flow	✓	✓	✓		?	✓
Irritrol		✓		RF plus	SMRT logic allows auxiliary wireless control up to 250 wireless relays	Climate Logic (rain/freeze)	✓	✓			✓	✓
Jain/ET Water	✓	✓		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	✓	✓	✓	✓	✓	✓
K-Rain		✓		Wi-Fi	optional long-range antenna, virtual rain sensor (Weather IQ), Wi-Fi hub plugs into internet router to use RF connection, increases router to controller distance through RF	rain, freeze	✓	✓	✓		✓	✓
Netro	✓		✓	Wi-Fi			✓	✓	✓	✓	✓	✓
Nxeco		✓	✓	Wi-Fi	24-zone extension module to build 36-zone controller	rain, freeze	✓	✓	✓		✓	✓
Orbit	✓	✓	✓	Wi-Fi			✓	✓	✓	✓	✓	✓
Rachio	✓	✓	✓	Wi-Fi	current and historic weather data used, real-time notifications	rain and soil, flow with Rachio 3	✓	✓	✓	✓	✓	✓
Rain Bird		✓	✓	Wi-Fi		rain, freeze, soil, flow	✓	✓	✓		✓	✓
Rain Machine	✓	✓	✓	Wi-Fi		rain, freeze	✓	✓	✓	✓	✓	✓
RainCommander				Wi-Fi		rain sensor	✓	✓			✓	✓
RainPal	✓		✓	Wi-Fi, cell	optional leak detection and freeze detection (FL-100)	rain, flow, freeze	✓	✓	✓	✓	✓	✓
Signature	✓	✓	✓	HW, Wi-Fi, cell	programming accessed via the Signature Share app, end-user of contractor web portal	can integrate two sensors, such as flow, rain, pressure, freeze, ET, soil moisture; some models can use DC latching solonoids	✓	✓		✓	✓	✓
Skydrop	✓	✓	✓	Wi-Fi			✓	✓	✓	✓	✓	
Spruce Irrigation	✓	?	✓	Wi-Fi	combines real-time moisture sensor data and weather predictions	rain, flow, spruce soil moistures sensors	✓	✓	✓	✓	✓	✓
Toro	✓ ✪	✓		RF, Wi-Fi plus	grow-in schedule able to control fountains, gates, landscape lighting via a wireless relay	rain, freeze, ET, soil moisture sensor	✓	✓		✓	✓	✓
Weathermatic		✓	✓	RF, cell, Wi-Fi	SmartLine Air Card, no Wi-Fi or router required	rain, freeze, weather sensor, flow	✓	✓		✓	✓	✓

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