



The Smart Irrigation Control Technology

Ideal for home, business or agricultural applications, the iDUS G-100 is a smart irrigation zone valve controller that only waters when needed and improves plant health.

A certain level of moisture is needed in the soil for plants to be healthy. When you've invested time and money in your plants, you want to ensure they receive the right amount of water to make them thrive. But how can you make sure your plants get just the right amount of water, when they need it?

The G-100 uses daylight and soil moisture sensors to intelligently water crops, landscaping and gardens. Its smart controls allow the user to set the exact amount of soil moisture desired, removing the guesswork involved in determining watering times and how much to water. The G-100 improves plant health by automatically providing just the right amount of water needed in the soil.

Every day, the G-100 starts at a user specified interval after dawn, measures the moisture in the soil and instructs the irrigation system to water, if needed, until the correct moisture level is reached. If the soil moisture is above the user-specified level, the unit remains in stand-by mode and repeats the process again the next morning.

The iDUS G-100 — the only smart irrigation control technology — is affordable, reliable and easy to use and will help to provide you with healthy plants and peace of mind.

The iDUS G-100 operates a standard solenoid operated irrigation valve, and can be run off a wall charger or solar panel. [The unit ships with a soil moisture sensor.](#)



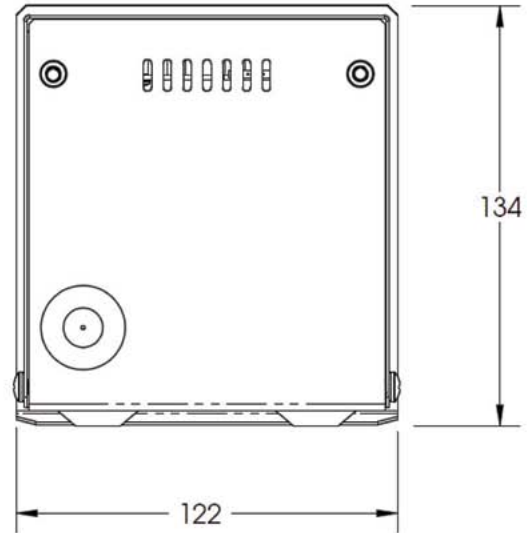
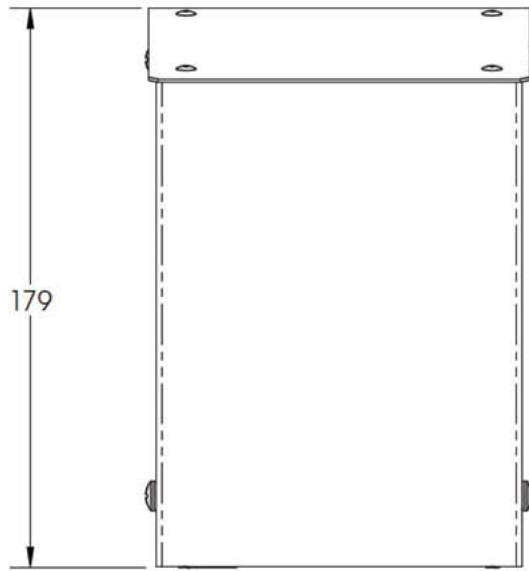
Key Features

- Advanced soil moisture sensor technology improves plant health by providing just the right amount of water every day.
- Works on or off grid with optional solar panel
- Adaptable to conventional, greywater and rainwater irrigation systems

Applications

Industrial/Agricultural irrigation • Remote/off-grid irrigation
Landscape irrigation • Back yard gardens • Market gardens
Greenhouse irrigation

Contact us at info@iduscontrols.com for more information or call us toll free at **1-855-758-9995**.



Technical Data

Housing:	Electro-galvanized 18 GA Steel with Powder-coated aluminum protective shroud to NEMA 3R
Controller:	iDUS Controls G-100 Integrated Controller is a multi channel PLC - I/O – switching device designed and programmed specifically to operate the G-100. Its built-in 12 VDC smart charger automatically accepts input from 12 AC, DC or photovoltaic panels. Sensor inputs are configured to provide the PLC the data it needs to operate the controller’s electronic switches to run pump and valve cycles in accordance with iDUS’ system algorithms and operational requirements. Push buttons and audible signals provide the primary user interface. LED’s indicate charging status and mode of input power. The terminal block connection points are protected against reversed polarity. The backplane design prevents interference from and with RF sources
Moisture Sensor:	iDUS MoistSense sensor with 3m cable
Warranty:	iDUS Controls Ltd. provides a one year limited warranty on the G-100
Uses:	<ul style="list-style-type: none"> • 1 watt solar panel or 12V AC or DC charger • 24VAC solenoid zone valve • 4 or 7.2 Ah 12 volt gel-cel battery

