



CS3-EN

ethernet
communication
option

The Calsense Ethernet communication device, model CS3-EN, offers a rugged and powerful option which provides connectivity with Calsense's cloud-based Command Center Online using an existing Ethernet network such as a school campus or City. Simple device set-up and configuration is accomplished using the Calsense CS3000 Irrigation Controller.

description

The device ships from Calsense DHCP-ready so there's often nothing required to start communicating. Simply connect it to an existing network using a Category5 (CAT-5) or better Ethernet cable and it automatically connects to the Calsense server. If you prefer to assign an IP address statically, the device can be programmed directly at the controller using the controller's keypad. Remote configuration over a network is also possible using a web browser.

The Ethernet port on the Calsense Ethernet communication option is autosensing so it automatically detects the type of Ethernet network it's connected to and communicates at the highest speed it can. If the connection is lost, the device intelligently attempts to reconnect to the network automatically.

This option also enables the Calsense Command Center Online web application to communicate with a controller through a spread spectrum or local radio system, which consists of one or more spread spectrum or local radio hubs and one or more controllers with the CS3-SR or CS3-LR option. The hub manages data flow between the cloud and surrounding controllers.



technical specifications

network interface

- Interface: 10/100 Mbps Ethernet port
- Connector: RJ-45 Ethernet port
- Standards: IEEE® 802.3

environmental

- Operating Temperature: -40° to 70°C (-40° to 158°F)
- Relative Humidity: 5 to 95%, non-condensing
- IP Rating: 30

transient protection

- Power Input: Up to non-repeated 600-W 10/100 µs pulse protection
- Ethernet Port: 1.5-KV surge isolation
- Serial Port: 15-KV ESD protection

certifications

- Emissions: FCC, CE, IC, C-Tick
- Safety: UL®

warranty

- 2-year limited warranty

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