

TORO®**OSMAC® G3 SATELLITE**

Updated for 2019, the OSMAC G3 satellite combines value and reliability in one controller. Wireless communications, easy installation and setup, and compatibility with existing OSMAC systems make the OSMAC G3 an ideal choice for a control system upgrade or retrofit. As part of a Lynx® Central Control system, the OSMAC G3 will run flow-managed programs using station run times executed to the second for precise water application. An upgrade kit is available for E-OSMAC satellites, adding new functionality, including program storage for stand-alone function and a user interface for performing manual irrigation or diagnostic activity.

FEATURES & BENEFITS

Reliable Design

Designed for reliability, featuring a limited number of cables and connectors, corrosion-resistant metals, vented circuit board covers, and simple parallel power and signal distribution.

Enhanced Wireless Communication

Equipped with a high-performance receiver with integrated modem, providing industry-leading communication signal integrity, reliability, and signal strength indication. Wireless communication also allows easy system expansion.

OSMAC Compatible

Compatible with any narrowband OSMAC system equipped with an OSMAC Base Station or Radio Interface Unit (RIU). Able to retrofit with OSMAC RDR and E-OSMAC satellites.

Productive and Precise

Operates up to 32 stations simultaneously with run times executed to the second for productive and precise water application.





SPECIFICATIONS

Operational

Functions under the management of a central computer operating Lynx, or SitePro, Central Control System, or as a stand-alone controller.

Stations: 16 to 64 in 16 station increments

- Up to 32 stations may operate simultaneously
- Station run times received from Lynx® Central are executed to the second, from 1 second to 8 hours and 59 minutes
- Station run times programmed in Local mode are executed to the minute, from 1 minute to 59 minutes
- Any station can be configured as a switch. Switch operation will ignore rain hold and does not activate the pump/master valve circuit

Local Mode Operations

- 12 independent local programs
- 14 day calendar or 1 to 30 day interval scheduling
- Up to 24 start times per program
- Simultaneous station operation defined independently per program
- Program percent adjust from 10 to 250%
- Nonvolatile memory saves program data for up to 10 years without power

Manual Operations

- Multi-Manual station start up to 32 stations
- Program start
- Program syringe

Electrical

- Input power: 120/240 V ac, 50/60 Hz

OSMAC G3:

- 0.20 amps, 110-120 V ac, 60 Hz (no load)
- 0.96 amps, 110-120 V ac, 60 Hz (max load)
- 0.10 amps, 220-240 V ac, 50/60 Hz (no load)
- 0.47 amps, 220-240 V ac, 50/60 Hz (max load)

Dimensions

- Plastic Cabinet: 17" W x 40" H x 16" D

Options

- Surge protection

Information and Control:

- ✓ Received messages are logged with signal strength indication
 - A useful reference of recent activity and valuable diagnostic detail
- ✓ Stand-alone capabilities enable running scheduled irrigation programs
 - A convenient backup option and useful during course construction
- ✓ Manual operation capabilities include program start, station multi-manual, and syringe cycles
 - A trusted point of control on the course
- ✓ Diagnostic information is available in the display menus and through LED lights
 - Confirmation of normal function and information to guide troubleshooting
- ✓ Capable of remote operation with hand-held radio and Lynx Apps
 - Flexible control options, on and off the course

Specifying Information—OSMAC G3 Satellites

G4-XXX6RX					
Description	Configuration	Cabinet	Output	Communication	Options
G4	XX	X	6	R	X
G4 – OSMAC G3 2019+	16 – 16 Stations 32 – 32 Stations 48 – 48 Stations 64 – 64 Stations	P – Plastic Green B – Plastic Tree Bark T – Plastic Desert Sand	6A – 24VAC	R – Narrowband Radio	3 – Large Terminal Blocks, Switches 4 – Large Terminal Blocks, Switches, Premium Surge
Example: When specifying a 48-station, satellite in a green plastic cabinet with large terminal block, switches and premium surge you would specify: G4-48P6R4					

OSMAC G3 Upgrade Kit:

- ✓ Upgrade E-OSMAC satellites with the OSMAC G3 Upgrade Kit
 - Add a point of operation at the satellite controller for performing manual irrigation or referencing diagnostic information, including communications details through Page History.
 - Add backup program storage for stand-alone operations when in Local mode.
 - Upgrade receiver hardware to a high-performance receiver radio for improved reliability and for signal strength indication.



Specifying Information – OSMAC G3 Upgrade Kit

118-2987
<i>Kit Contains</i>
OSMAC G3 Timing Module, Interface Cable and Hardware