TORO Count on it.

E-OSMAC® AND OSMAC RDR SATELLITES

The E-OSMAC satellite is easy to install, troubleshoot and maintain. Economical because you buy only what you need and can expand as your site conditions change . They utilize paging technology to create one of the most convenient, dependable, and flexible satellites on the market. Employing wireless communication, these satellites are great for retrofit projects.

Features & Benefits

Low Cost Wireless Communication
Ideal choice for upgrading existing systems. No communication wires are needed. Mounts to many existing pedestal bolt patterns.

Easily Expandable
E-OSMAC offers up to 64 stations in eight-station increments. The OSMAC RDR is expandable from 16 to 48 stations.

Lower Operating Costs
The enhanced surge protection on E-OSMAC and electric OSMAC RDR provide lower operating costs. Ideal for high lightning areas.

Sensor Inputs – New
Added peace of mind and increased efficiency with optional sensor inputs. Together with Lynx, E-OSMAC can monitor flow, pressure, rain, temperature and status inputs.

Low Voltage Retrofit Kit
Used for the OSMAC RDR this kit converts stand-alone controllers to wireless central control.

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E-OSMAC Synthesized Decoder Modules
Modules can be reprogrammed in the field – new frequency models can store up to 4 pre-programmed frequencies to transition from construction to permanent frequencies (narrowband).

SPECIFICATIONS

Operational

E-OSMAC:

- Sensor input support for flow, pressure, rain, temperature and status. Each satellite supports up to 7 sensor inputs. Each system can support up to 40 satellites with sensor inputs
- Colored LED indicators to confirm 24-, 9-, and 5-volt power to various boards within the cabinet
- LED's for each station output
- Internal antenna allows for smaller profile cabinet
- Patented Hot Post for each eight-station module

RDR OSMAC:

- Hydraulic or electric models available
- Multi-function hand held radio allows control and voice transmissions from the same unit
- Programmable syringe time from 30 seconds to 128 minutes in 30-second intervals.
- Optional relay card available
- Pre-wired satellite pedestal models available without RDR control unit for upgrading existing OSMAC systems

Electrical

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

E-OSMAC:

- 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)

RDR OSMAC:

- 0.17 amps, 115 V ac , 60 Hz (no load)
- 0.76 amps, 115 V ac, 60 Hz (max load)
- 0.09 amps, 230 V ac, 50 Hz (no load)
- 0.41 amps, 230 V ac, 50 Hz (max load)

- Station output power: 24 V ac; 3.0 amps (72 VA) total
- UL and CE approved

Dimensions

- Plastic Cabinet: 17" W x 40" H x 16" D
- Metal Cabinet: 13" W x 36" H x 13" D
- RDR Large pedestal: 16" W x 45 ½" H x 16" D

Options

- Wideband frequency modules (N1551XX) for E-OSMAC or OSMAC RDR
- Low-voltage Retrofit Kit for OSMAC RDR (RDR0160LVN0)

Specifying Information—OSMAC RDR Satellite

RDR-XX-P-XX-X-X					
Description	***Configuration***	***Cabinet***	***Output***	***Communication***	***Surge Protection***
RDR	XX	**P**	XX	X	**0**
RDR— OSMAC RDR Satellite	16—16 Stations 24—24 Stations 32—32 Stations 40—40 Stations 48—48 Stations	P—Plastic	01—Normally Open Hydraulic 6A—24 VAC Electric	P—Wide Band N—Narrow Band	0—No Surge
When specifying a 32-station OSMAC RDR Hydraulic satellite in a plastic cabinet, normally open hydraulic output with narrow-band communication, you would specify: **RDR32P01N0**					

Note: FCC license required.

Specifying Information—E-OSMAC Satellites

E-XX-X-6A-X-MX					
Description	***Configuration***	***Cabinet***	***Output***	***Communication***	***Options***
E	XX	X	**6A**	X	**MX**
E—E-OSMAC Satellite	16—16 Stations 24—24 Stations 32—32 Stations 40—40 Stations 48—48 Stations 56—56 Stations 64—64 Stations	P—Plastic, Green S—Stainless Steel (Painted) T—Desert Sand B—Tree Bark	6A—Electric	N—Narrow Band P—Wide Band	3—Large-capacity Terminal Block & Switches 4—Large-capacity Terminal Block w/Additional Surge & Switches
Example: When specifying a 32-station, E-OSMAC Satellite with Narrow Band digital wireless paging, a green plastic pedestal, electric output, additional surge protection and a large-capacity terminal block switches, you would specify: **E-32P6ANM4**					

Note: FCC license required. Frequency modules do not need to be ordered separately.
Product shipped with four pre-programmed synthesized frequency modules (462.2125, 462.4375, 467.2125 and 467.4375).

