

# XR50 Data Sheet



## Application

The OmniSite XR50 provides for a flexible, easy to install and configure, powerful equipment and machinery alarm monitor.

The OmniSite XR50 data may be fully integrated into existing SCADA databases using OmniSite's SCADA-Bridge™ software package.

Single Integrated device eliminates the need for multiple PLCs, radios, software, computers, modems, relays and other accessories. Complete packaged unit can be installed in under two hours, without the need for highly specialized technicians.

The XR50 includes OmniSite's "plug and play" GuardDog web interface which eliminates the need for custom programming.

## Item Description

The OmniSite XR50 alarm monitor provides the capability to monitor remotely located equipment and machinery without dedicated telephone lines or proprietary radio systems. Your connected equipment is completely monitored over the Internet using just a web browser, so there is no software to buy. If an abnormal condition occurs, notifications are sent by e-mail, pager, or voice call to any location.

## Features

- Microprocessor based alarm monitor
- Pulse totalization feature
- Daily reports of accumulated equipment run time
- True SCADA replacement at fraction of cost/complexity
- Cellular GSM coverage works where private radio systems cannot reach

## Specification Highlights

<b>Power</b>	12 VDC or 120 VAC
<b>Communications</b>	Cellular GSM 850/900/1800/1900 MHZ
<b>Inputs</b>	(10) Universal Inputs accept 12 VAC/VDC – 120 VAC/VDC
<b>Access Key</b>	Smart security key to identify personnel on site
<b>Terminal Blocks</b>	Removable style accepts #14-18 AWG solid or stranded wire
<b>Operating Temp.</b>	-20/150 Deg F
<b>Operating Humidity</b>	0-90% RH Non-condensing
<b>Certification</b>	UL Pending
<b>Dimensions</b>	8.9"H x 9.4"W x 3.5"D
<b>Memory Stick</b>	32Mb- 1 Gb user selectable
<b>LCD Display</b>	Backlit 2 X 16
<b>Keypad</b>	(4) universal navigation buttons

OmniSite products are protected by US Patent #7,228,129 and other patents pending

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## Ordering Information

Model	Description
XR50	XR50 Alarm Monitor
<b>Enclosure Options</b>	
PM	No Enclosure – NEMA 1 Rated
EN	NEMA 4X Enclosure with Solid Opaque Cover
ENCV	NEMA 4X Enclosure with Clear See-Through Cover
<b>Power Supply</b>	
12	12 VDC
120	120 VAC

XR50	ENCV	120
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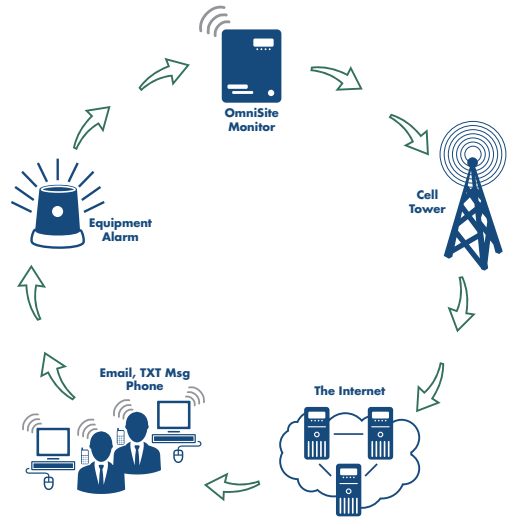
*Example:* XR50-ENCV-120 XR50 Alarm Monitor in NEMA 4X Enclosure w/ clear cover and 120VAC power.

## How OmniSite Works

OmniSite relies on a combination of cellular telephone and web based technology. The XR50 is installed at your remote equipment and sends a wireless signal to the local cellular tower.

That signal is bounced to OmniSite's web interface, where you can log on - any day, any time, from any computer - and see how your remote equipment is operating. A "call out" list is set up online, so that when an alarm is triggered, identified operators are contacted immediately.

Because OmniSite engineers recognize today's fast-paced busy world, that notification comes by way of text message, email or call to your cellular or hard-wired phone.



## Wiring

