

## OVERVIEW

Working with providers of fixed network products, Badger has expanded the options for a utility today and in the future. The Badger ORION Gateway Receiver allows a utility to move seamlessly from a walk-by or drive-by Badger ORION solution into a fixed network reading system when the city deploys a citywide network with PoE (Power over Ethernet) capabilities (DC power option also available). Badger's ORION Gateway receiver provides connectivity to numerous network hardware manufacturers' equipment due to its simplicity and flexibility.

The Badger ORION Gateway is assigned a unique network IP Address and simply listens and records the latest readings from up to 200 Badger ORION transmitters in the area. Utilizing Badger's Network Reader software, the utility can poll the IP Address of the Badger ORION Gateway Receiver at any time and receive and store the latest transmitter readings. The Badger ORION Gateway data transfer has extremely low-bandwidth requirements, so readings can be taken at anytime without slowing the network.

## SPECIFICATIONS

<b>Communications</b>	Ethernet 10 Mbps Responds to HTTP://IPADDRESS request with meter readings USB port for configuration of IP address, diagnostics, etc.
<b>RF Receiver</b>	916.45 MHz receiver Two antennas for diversity Designed for Unintentional Radiator, FCC Part 15 Compliance
<b>Memory</b>	Flash storage for Badger ORION Gateway serial number, IP address, configuration RAM storage for 200 meter readings (volatile), leak status, tamper status
<b>Gateway Programming</b>	Badger ORION Gateway receiver will automatically listen to and store the first 200 Badger ORION transmitters it hears after it is properly installed - no customer programming required.
<b>Power Supply</b>	802.3af Powered Device Compliant
<b>Optional Power Supply</b>	D.C. Input (9-40 volts)
<b>Mechanical</b>	NEMA 4X Enclosure.
<b>Weight</b>	6.3 lbs.
<b>Wind Loading Area</b>	0.6 ft.^2
<b>Size</b>	Height with antennas: 24.25" Width: 11.75" Thickness: 2.75"

The Badger ORION Gateway Receiver contains the following components:

- Gateway Receiver
- 900Mhz Receiving Antennae
- Weather-tight Enclosure
- Mounting Bracket with Pole Banding
- Cables



**ORI-T-47**

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