

Nalco Global Gateway



Specification SPEC-523

- Connect to the controller without a phone line or LAN connection
- Allows for two-way communication
- Faster connection to the internet than a phone line
- Ideal for remote locations where bringing a phone line is just not possible
- Quick and easy setup
- External antenna available for areas with limited cellular coverage
- Nema 4x enclosure
- Inputs to connect level monitoring devices
- Local wireless capability
- One-year cellular service included with purchase

Description

The Nalco Global Gateway was developed to allow more 3D TRASAR® controllers to be connected to the Internet. This allows real-time alarm notifications to be sent out. In addition, connecting the 3D TRASAR unit to the Internet allows the sales engineer and customers to get the most out of the 3D TRASAR by integrating with the 3D TRASAR Website.

The 3D TRASAR Website consists of:

- Online dashboard of parameters
- History of readings
- Customized 3D TRASAR reports

The Nalco Wireless Gateway has a 120V-power plug and two ethernet connections. Also included are four 4-20 mA inputs and Zigbee local wireless for future tank level monitoring inputs.



Figure 1 — Global Gateway

Status LED's on front cover

- Power on
- Status
- Cellular link/activity
- Zigbee link/activity
- Signal strength

Applications

- Remote locations
- Phone line too expensive
- Phone line wiring not capable
- Security isolation from customer networks

Support

If you have any questions regarding this specification, please contact your Nalco representative. In North America, you can also contact the 3D TRASAR Help Desk at 630-305-CHEM or Equipment Solutions Help Desk at 800-323-8483.

Key Features

- Quick and easy connectivity to the Internet

Specifications

Power: 120/220V 50/60Hz

Dimensions:

With Control Box: 12-cm H x 20-cm W x 8.5-cm D
(4.72" H x 7.87" W x 3.35" D)

Shipping Box: 33-cm x 33-cm x 39.4-cm

Weight: 1.36 kilograms (3 lbs.)

Enclosure: Nema 4x

Ambient Temperature Range: -22°F to 140°F
(-30°C to +60°C)

Relative humidity: 5% to 95% (non-condensing)

Network: Quad-band 1900/850 and 1800/900 MHz
GSM GPRS/EDGE

Transmit frequency: 1850-1910 MHz and 824-849 MHz

Receiver frequency: 1930-1990 MHz and 869-894

Ethernet Interface

Connector: RJ-45

Standard: IEEE 802.3

Physical Layer: 10/100Base-T

Data rate: 10/100 Mbps (auto-sensing)

Wireless Carrier Certifications

AT&T (GSM GPRS/EDGE)

- PTCRB/Cingular certified

Mobile Certifications

- PTCRB, NAPRD.03
- GCF-CC
- R&TTE, EN 301 511

To Order

Contact your local Nalco Sales Engineer, or our Nalco Customer Service at 1-800-288-0879. Order your Wireless Gateway using the Nalco part numbers shown below.

Nalco part numbers

- **060-NGG100.88** Nalco Global Gateway, US, with 1-year wireless service
- **060-NGG200.88** Nalco Global Gateway, International. With 1-year wireless service
- An operation manual is included with each order

Wireless Renewals

- **060-NGG100R.88** NGG Wireless Service Renewal, US, 1-year (NO SIM)
- **060-NGG200R.88** NGG Wireless Service Renewal, International, 1-year (NO SIM)

Accessories

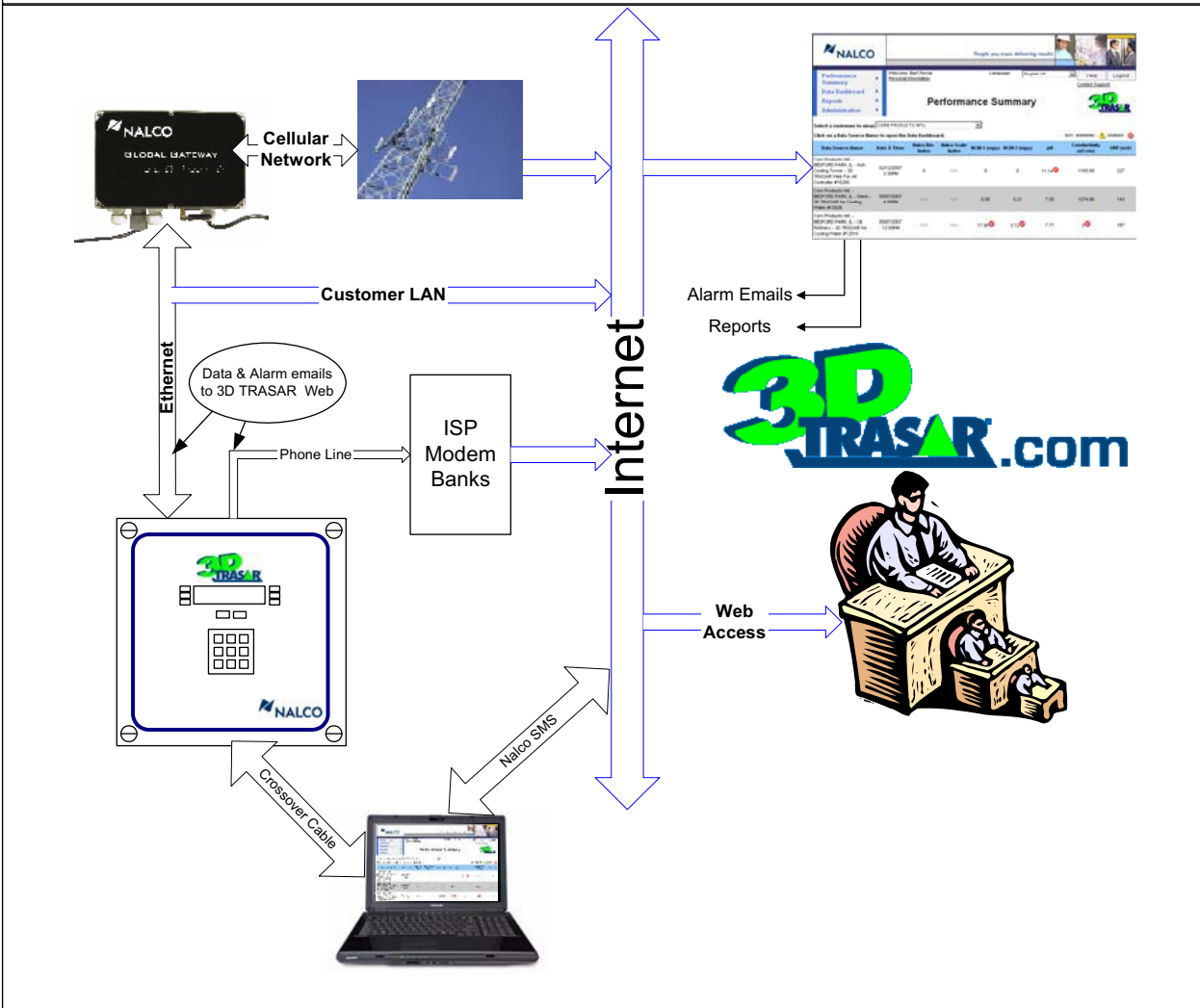
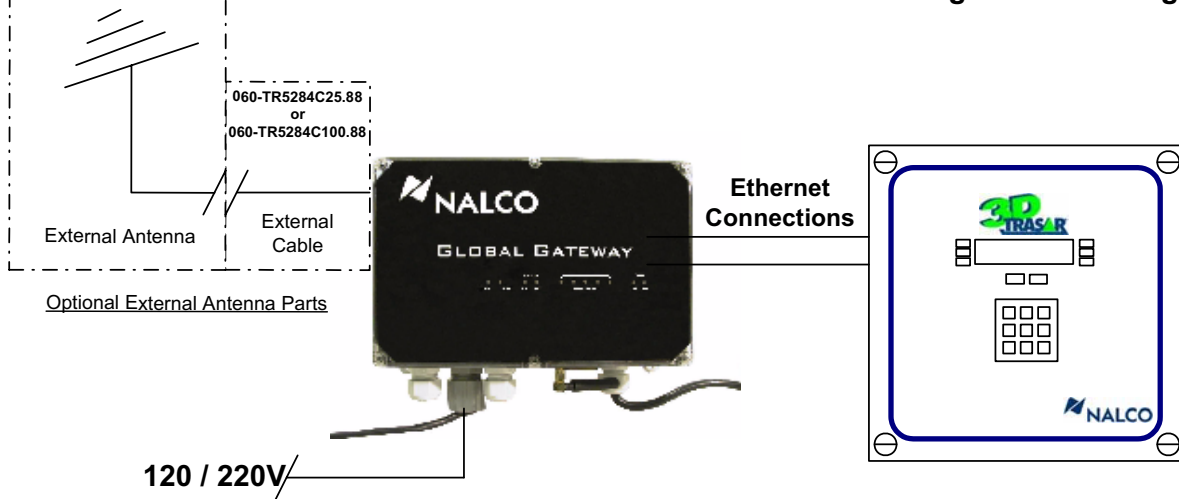
060-TR5284.88	Wireless Gateway External Antenna – No Cable Included
060-TR5284C25.88	Antenna Cable, 50-Ohm, N-Type M/M, 25-ft
060-TR5284C100.88	Antenna Cable, 50-Ohm, N-Type M/M, 100-ft

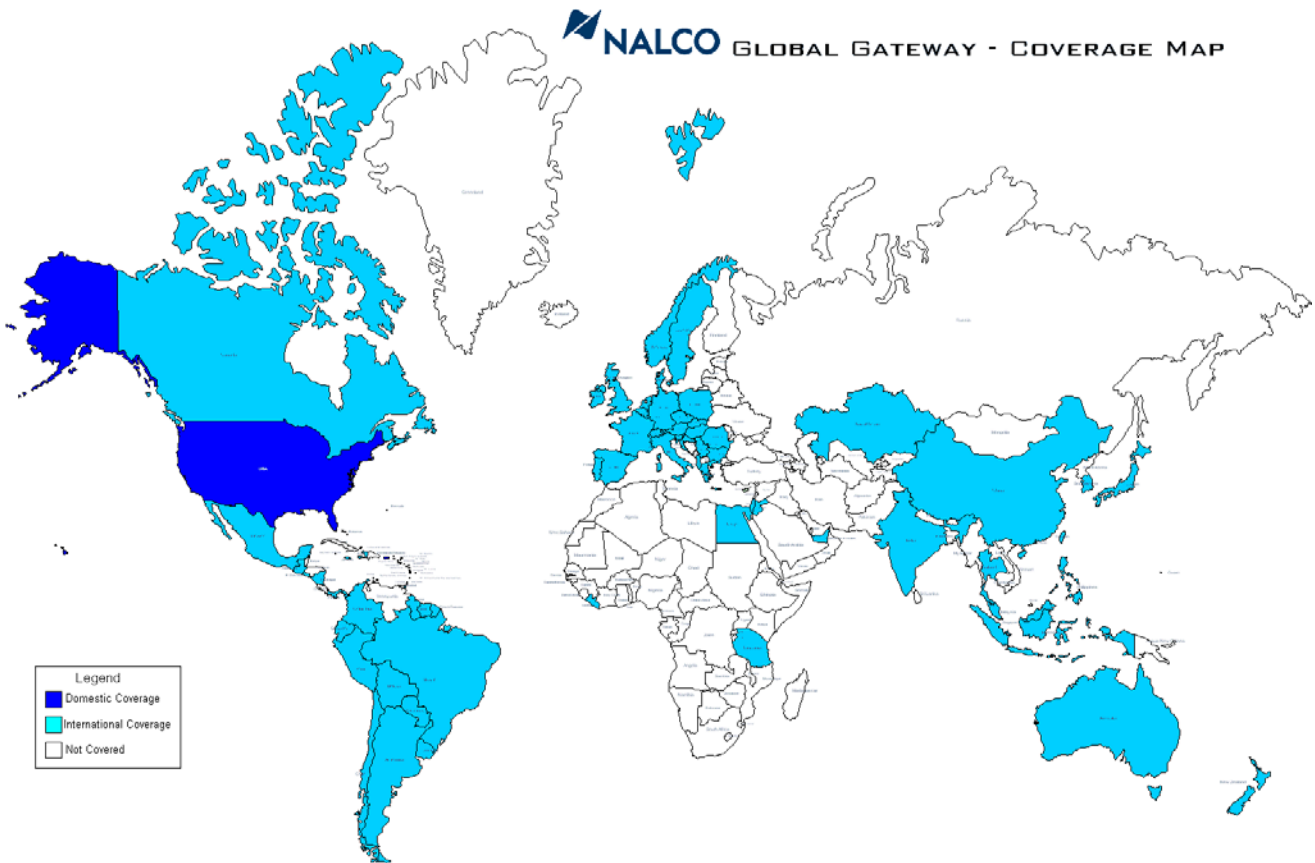
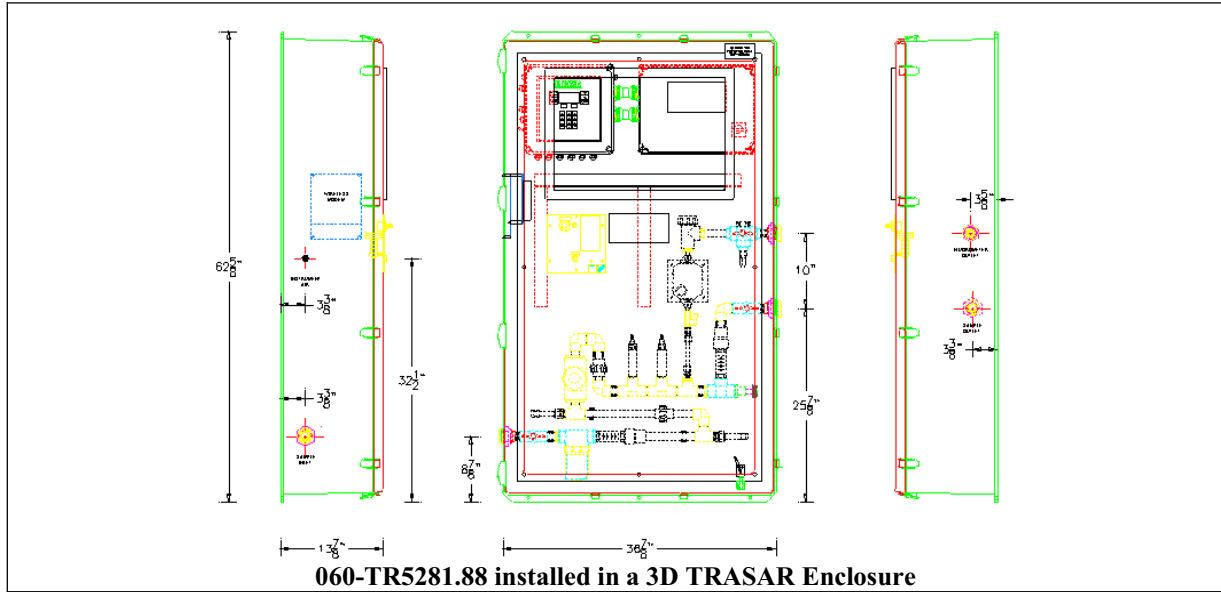
(Only required for weak signals)

For more information on this product, please contact Equipment Solutions Technical Support Group at 1-800-323-8483.

060-TR5284.88

Standard General Arrangement Drawing





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