

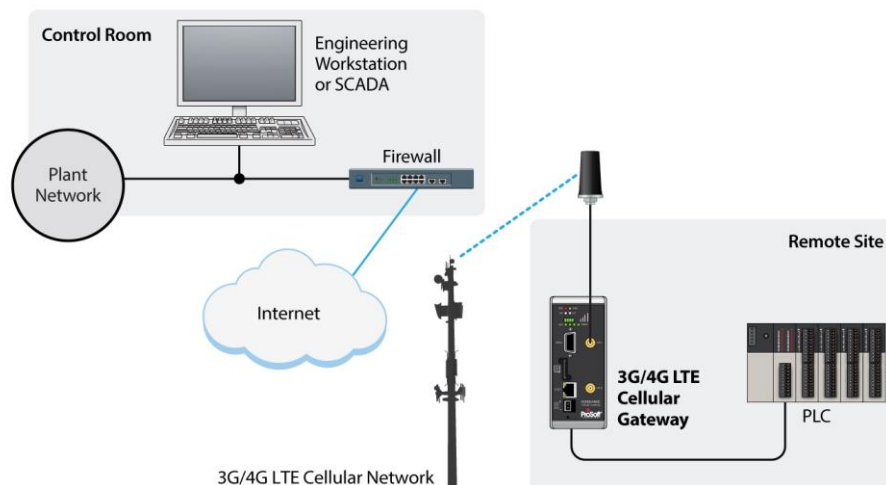
DATASHEET

Industrial Cellular Gateway ICX35-HWC

The ICX35-HWC Industrial Cellular Gateway is the ideal communication solution for system integrators and OEMs that have to monitor devices that are in hard-to-reach spots. With the gateway, they can monitor and troubleshoot their devices from anywhere in the world over 4G LTE cellular connections, with fallback to 3G. This ensures clear communications and longevity for the application.

An EtherNet/IP™ controller can send a message to the gateway, and read diagnostic data like signal strength, data usage, and more, allowing the user to avoid time-consuming and costly site visits.

The industrial cellular gateway can also be monitored through ProSoft Connect, ProSoft Technology's secure, cloud-native platform for the Industrial Internet of Things. This service can be accessed anywhere in the world, offering the user an intuitive Web interface from which they can monitor their automation devices in real time.



Features

- ◆ EtherNet/IP object support. Your PAC/PLC can easily read diagnostic data from the gateway
- ◆ Integrates with ProSoft Connect, ProSoft Technology's secure, cloud-native platform for the Industrial Internet of Things
- ◆ Port forwarding – 10 entries maximum
- ◆ Supports SMS messaging with EtherNet/IP controller
- ◆ Secure VPN connections over Internet and cellular links for remote site access to corporate networks (VPN Client Mode)
- ◆ Can act as a NTP client and or server
- ◆ Built-in web server for local/remote configuration, monitoring and wireless network diagnostics

Specifications

Radio

Cellular Technology	LTE, GSM, UMTS/HSPA+, GPRS, EDGE
Frequency/Bands	ICX35-HWC-A: Freq: 700/850/900/1700/1800/1900/2100 MHz HSPA and HSPA+ Bands: 1,2,4,5,8 LTE Bands: 2,4,5,13,17,25 Quad-band EDGE/GPRS/GSM ICX35-HWC-E: Freq: 700/800/850/900/1700/1900/2100/2600 MHz HSPA and HSPA+ Bands: 1,2,5,6,8 LTE Bands: 1,3,7,8,20 Quad-band EDGE/GPRS/GSM
Activation	SIM Slot
Security	OpenVPN client, IPSec client, IP Address Filtering

Physical

Enclosure	Extruded aluminum with DIN clip
Dimensions (H x W x D)	5.52 x 2.06 x 4.37 in 14.01 x 5.24 x 11.09 cm
Shock	IEC 60068-2-27; 20G @ 11ms (Operational) IEC 60068-2-27; 30G @ 11ms (Non-Operational)
Vibration	IEC 60068-2-6; 10G, 10 to 150 Hz
Ethernet Port	(1) 10/100 Base-T, RJ45 connector
Serial Port	(1) DB9 female (serial tunneling & encapsulation)
Antenna Ports	(2) Female RP-SMA connector Antenna(s) sold separately
Weight	14.5 oz (411 g)

Environmental

Operating Temperature	IEC 60068 -22°F to +158°F (-30°C to +70°C)
Humidity	IEC 60068-30 5% to 95%, with no condensation
External Power	10 to 30 VDC
Peak Power Consumption	< 6W

Regulatory Approvals

Wireless Approvals

Visit our web site at www.prosoft-technology.com for current wireless approval information.

Hazardous Locations

ATEX: Zone 2 Cat 3
UL/cUL: Class 1 Div 2

Regulatory

NEMKO/CB Safety
CE Mark
ETSI
FCC/IC
PTCRB / AT&T Wireless Certified



Where Automation Connects™ Global Distribution

ProSoft Technology® products are distributed and supported worldwide through a network of over 500 distributors in over 50 countries. Our knowledgeable distributors are familiar with your application needs. For a complete list of distributors, go to our web site at: www.prosoft-technology.com

Ordering Information

To order this product, please use the following:

Industrial Cellular Gateway

ICX35-HWC-A (FCC model)

ICX35-HWC-E (ETSI model)

To place an order, please contact your local ProSoft Technology distributor. For a list of ProSoft Technology distributors near you, go to: www.prosoft-technology.com and select *Where to Buy* from the menu.



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