



PLANET 5G NR Cellular Solution

PLANET 5G NR Mobility Solution consists of ICG-2515-NR Series (ICG-2515W-NR/ICG-2515FW-NR), ICG-2210W-NR, FWA-2100-NR and VR-300FW-NR, which incorporate 5G technology, Wi-Fi 6, various VPNs and backup features like Dual SIM, Dual WAN and High Availability. It also supports PLANET NMS Solution and CloudViewerPro App for remote management and promotes the implementation of smart city network.

Robust Network Features



Cellular Communication Standards



5G NR Cellular + Wi-Fi 6 AX 1800 Dual Band + 1-Port 1000X SFP VPN Security Router

VR-300FW-NR

- Global 5G NR(NSA/SA)/4G LTE network
- One 1000BASE-X SFP slot for flexible WAN/LAN interface
- Concurrent dual-band connectivity in 2.4GHz (600Mbps) and 5GHz (1200Mbps)
- SSL VPN and robust hybrid VPN (IPSec/PPTP/L2TP over IPSec)
- High Availability, AP Controller, Captive Portal and RADIUS



Industrial 5G NR Outdoor Unit (ODU) with 1-port Gigabit PoE PD

FWA-2100-NR

- 5G NR(NSA/SA)/4G LTE network with dual nano-SIM design for cellular network redundancy
- SSL VPN and robust hybrid VPN (IPSec/PPTP/L2TP)
- Stateful Packet Inspection (SPI) firewall and content filtering
- -20°~60°C operating temperature
- IP68 rating waterproof



Industrial 5G NR Cellular Wireless Gateway

ICG-2515W-NR/ICG-2515FW-NR

- Global 5G NR(NSA/SA)/4G LTE network with dual SIM design for cellular network redundancy
- Concurrent dual-band connectivity in 2.4GHz (600Mbps) and 5GHz (1200Mbps)
- SSL VPN and robust hybrid VPN (IPSec/PPTP/L2TP over IPSec)
- Full security with VLAN, NAT, DMZ, routing, firewall and IP/MAC/port filtering
- 1 1000BASE-X LAN/WAN port for long distance extension (ICG-2515FW-NR)



Industrial 5G NR Compact Cellular Wireless Gateway with 2-Port 10/100/1000T

ICG-2210W-NR

- 5G NR(NSA/SA)/4G LTE network with dual micro-SIM design for cellular network redundancy
- Multi VPN with IPSec, OpenVPN, PPTP, L2TP, GRE
- Full security with Cybersecurity, VLAN, NAT, DMZ, and IP/MAC/Port filtering
- Stateful Packet Inspection (SPI) firewall and content filtering
- -40°~75°C operating temperature



5G NR Cellular Communication Solution



5G NR Cellular Technology :

Overcomes 100-meter transmission limitation of RJ45



Reliable Data Transmission :

Prevents data loss during unexpected ISP connection breakdowns



Advanced Dual SIM Support :

Enhanced connection reliability



Failover Functionality :

Seamless connection switching during failure for uninterrupted connectivity



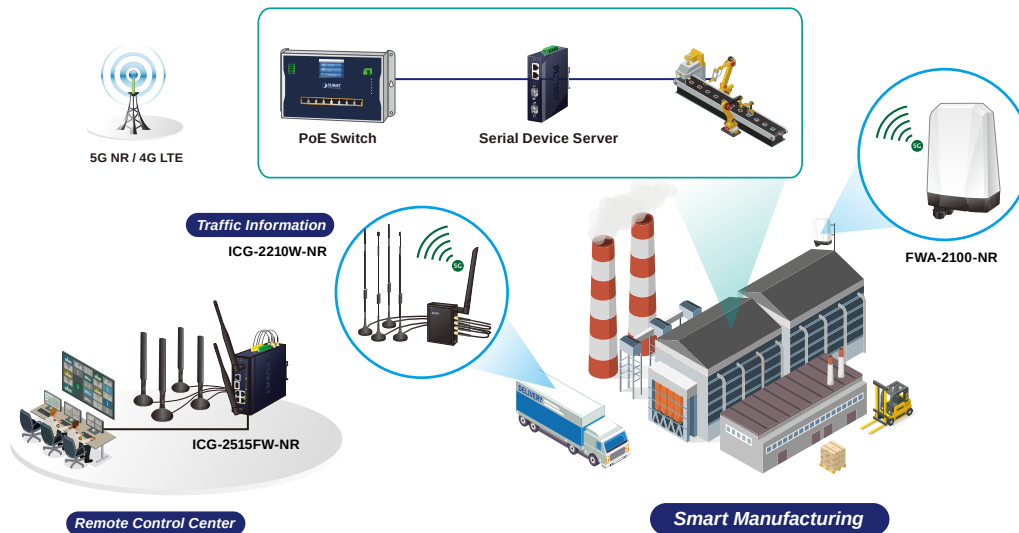
Comprehensive Network Features :

VLAN, VPN, Modbus, network management,
and more



Broad Application Coverage :

Smart manufacturing, smart city, ITS, etc.



Smart City with 5G NR Mobility

In a smart city, Internet of Things (IoT) technology is utilized to collect real-time data from mobile devices, connected cars, home appliances, etc. through 5G NR. With big data, it enables users to experience much better intelligent transmission. 5G NR mobility offers a new kind of communication and transmission that a network needs to enable to connect everything and meet the requirements of smart city infrastructures.

