ATEL®

PASSION FOR INNOVATION

EXTEND YOUR NETWORK

Designed for fixed locations that require higher performance 5G network coverage.

Scalability, comprehensive remote management software and security
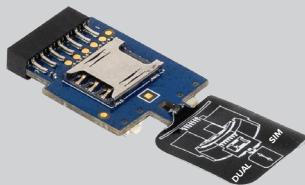
IP67 Industrial Construction
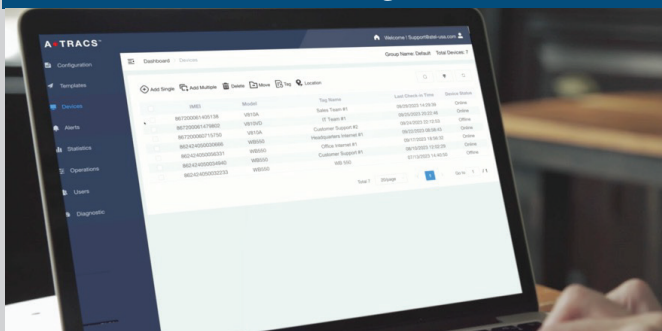
IP67 Certified

Dual SIM Support

SIM 1
4FF

SIM 2
4FF

Remote Management

HIGHLIGHTS

5G NR C-Band / Cat 19 4G-LTE

High Data Speed - 4.67Gbps DL / 1.25Gbps UL

OMNI Directional Antenna System

Dual SIM

4X4 MIMO

LED Indicator

2.5GbE Port - Passive PoE

ATRACS Remote Management

A·TRACS™

Scan here to watch
product video

PW550 SPECIFICATIONS

5G Outdoor CPE Adapter

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STANDARD COMPLIANT

3GPP Release	Release 15
LTE UE Category	Cat 19

BASIC FEATURES

Data Speed	5G NSA : 3.74Gbps (DL) / 875Mbps (UL) 5G SA : 4.67Gbps (DL) / 1.25Gbps (UL) LTE: 1.6Gbps (DL) / 211Mbps (UL)
Bandwidth	5G: 5MHz to 200MHz LTE: 1.4MHz to 100 MHz
Carrier Aggregation	5G: 2CC (DL & UL) LTE: 5CC (DL) / 2CC(UL)
USIM	Dual,4FF
5G MIMO	4x4: n2/n7/n25/n30/n41/n48/n66/n77/n78 2x2: n5/n12/n14/n71
LTE MIMO	4x4: B2/B4/B7/B25/B30/B41/B48/B66 2x2: B5/B12/B13/B14/B17/B26/B29/B46/B71
Bluetooth Optional	For mobile APP
Water and Dust Resistance Rating	IP67 Protection Rating
Interface	1x 2.5 GbE RJ45 (PoE) 1x Tri-Color LED 2x USIM Socket (4FF) Reset Button

BASIC HARDWARE FEATURES

RF Transmit Power	n41/n77/n78/B41: Class 2 (26dBm) Rest bands: Class 3 (23dBm+/-2dBm)
Receiver Sensitivity	Complies to 3GPP Standards
Antennas	Omni-directional Antennas
Power Supply	24V passive PoE
Ethernet/LAN	10/100/1000/2500 auto adaptive port

BASIC SOFTWARE FEATURES

Configuration	WebGUI / ATRACS
FOTA	Yes
Firewall	Yes (IP/MAC/Port Filter, DMZ)
Auto/Manual APN	Yes
TR069	Optional
SIM Management	Yes
IPv4v6 Dual Stack	Yes
Language	English (Others can be customized)

MECHANICAL INFORMATION

Dimension	293(L)*207(W)*147(H)mm
Weight	< 1Kg

ENVIRONMENTAL SPECIFICATIONS

Operation Temp	-20 ~ 60℃ / -4°F ~ 140°F
Storage Temp	-40 ~ 85℃ / -40°F ~ 185°F
Operation Humidity	5% ~ 95% (Non-Condensing)

PACKAGE CONTENTS

PW550	x 1
Power adaptor	x 1
PoE Injector	x 1
Quick-Start Guide	x 1
Mount Fixtures	x 1

DEVICE CERTS AND REGULATORY

FC | PTCRB | RoHS Compliant | Verizon ODI Certified | uscellular BUSINESS

Model No.	Region	Description
PW550-NA	North America	**5GNR**: n2/n5/n7/n12/n14/n25/n30/n41/n48/n66/n71/n77/n78 **FDD-LTE:** B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B29/B30/B66/B71 **TDD-LTE:** B41/B48 **LTE-LAA:** B46 **3G/WCDMA:** B2/B4/B5

WebGUI Easier Configuration | **5G NR/4G-LTE** | **High Data Speed** 4.67Gbps DL / 1.25Gbps UL | **Dual SIM** | **MIMO** | **LED Indicator** | **Gigabit port** Passive PoE
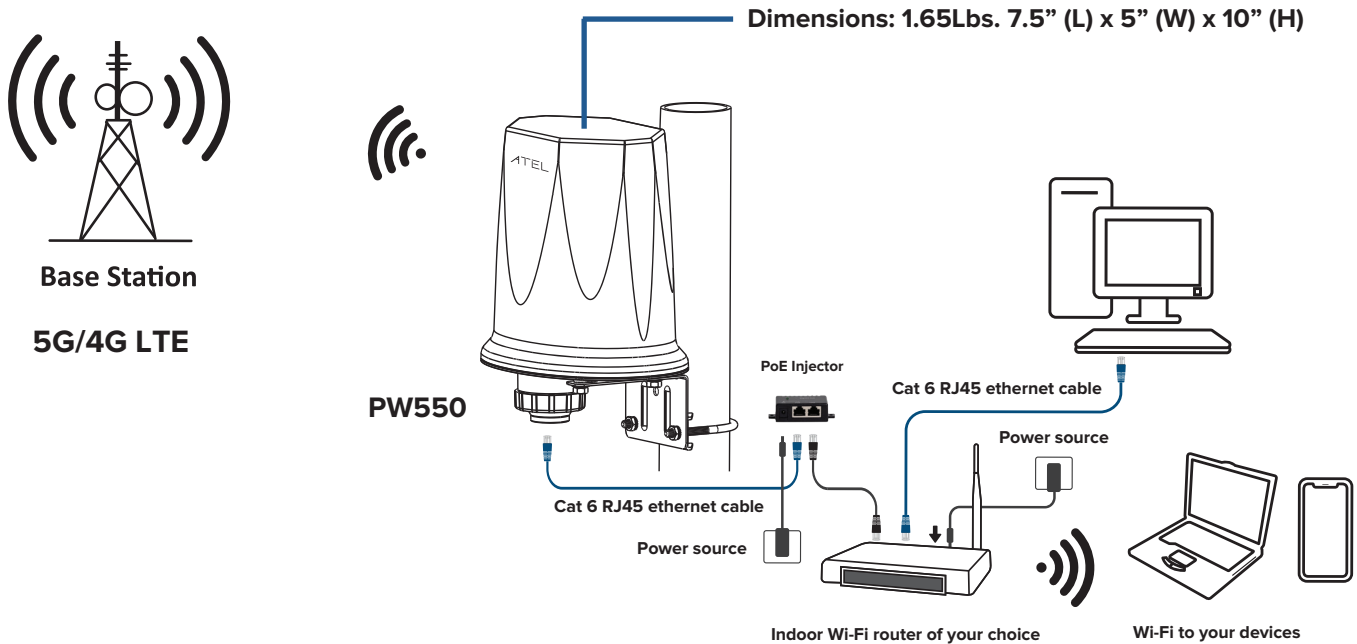
PW550 DESCRIPTION

5G Outdoor CPE Adapter

Residential or Commercial Facility

Outdoor CPE for the best 5G signal

Dimensions: 1.65Lbs. 7.5" (L) x 5" (W) x 10" (H)

Base Station

5G/4G LTE

PW550

PoE Injector

Cat 6 RJ45 ethernet cable

Cat 6 RJ45 ethernet cable

Power source

Power source

Indoor Wi-Fi router of your choice

Wi-Fi to your devices

REMOTE MANAGEMENT SOFTWARE SUPPORT

A•TRACS ™

Dashboard overview	✓
Network status	✓
Device configuration	✓
Group management	✓
Critical status alert	✓
Multiple layer account control	✓

Built from the ground up from the mouth of the customer!

ATRACS was designed using the "Best of Breed" concept for the most utilized features in a remote management software solution.

SaaS platform provides easy access from any laptop with all the security of AWS Cloud services to ATEL devices for 24/7 remote management and monitoring.

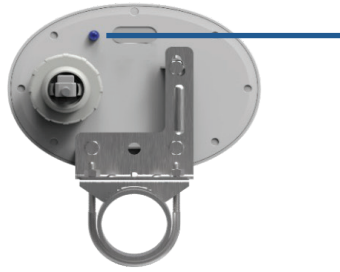Supporting up to 25 users (Admin, Manager, and Viewers) with unlimited devices.

For support information: support@atel-usa.com
Visit our website: www.atel-usa.com

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PW550 MODEL DEFINITION

Pole Mount Installation

PoE Cat 6 RJ45 Ethernet Port

Dual SIM Port

LED indicators

- 🟢 Green - Good Signal
- 🔵 Blue - Normal Signal
- 🔴 Red - Weak Signal

Dual SIM Support

SIM 1
4FF

SIM 2
4FF
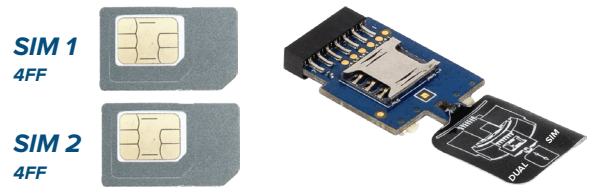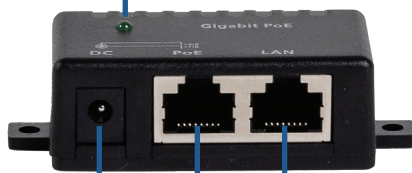
Mounting Hardware

A

C

D

B
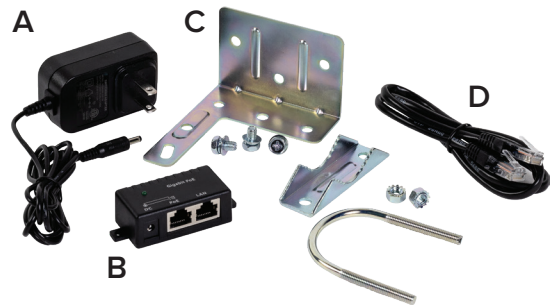
Included in Box Contents:
A.) Power Supply
B.) PoE Injector
C.) Pole Mounting Bracket
D.) Ethernet Cable

Gigabit PoE

LED Indicator

DC 12V   PoE   LAN

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MOBILE BROADBAND | FIXED WIRELESS ACCESS ROUTERS | IoT DEVICES, MDM | GPS TRACKERS | AUTOMOTIVE TELEMATICS | SMART DEVICES

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