PLANET Networking & Communication

2021 Product Portfolio
Comprehensive Network Transmission Infrastructure Innovations

- LAN Switches
- Industrial Ethernet
- Industrial Automation
- Power over Ethernet
- Media Conversions
- Broadband Communications
- Wireless LANs
- IP Surveillance
- IP Telephony
- Network Security
- Network Peripherals
- Network Management
- Home Automation

Shaping Future Networking

LAN Switches

- XGS3-42000R — 4-Slot Layer 3 IPv4/IPv6 Routing Chassis Switch
- XGS3-24042
- XGS-24242
- XGS-6350-24X4C
- XGS-6350-12X8TR — Layer 3 24-Port 10G SFP+ / 4-Port QSFP28 Managed Switch
- XGS-5240-24X2QR
- SGS-6341-48T4X / SGS-6341-24T4X / SGS-6341-16S8C4XR
- GS-5220-16T2XV/R
- GS-5220-24T4XV/R
- SGS-5240-24T4X / SGS-5240-48T4X
- GS-5220-16T4S2X
- GS-5220-1658C / GS-5220-1658CR
- GS-4210-16T2S / GS-4210-24T2S/24T4S / GS-4210-48T4S
- MGSW-10080F / MGSW-24160F
- MGSW-28240F

Industrial Ethernet

- IGS-5225-20T4C4X / IGS-6325-20S4C4X
- IGS-6325-24P4X
- IGS-6325-24P4S
- IGS-6325-8T8S4X / IGS-6325-8T4X
- IGS-6325-8T8S / IGS-6325-8T5
- IGSW-24040T
- IGS-20040MT
- IGS-12040MT
- IGS-6325-16P4S / IGS-6325-16P4S
- IGS-6325-8UP2S2X
- IGS-6325-8UP2S
- IGS-5225-8T2S2X / IGS-5225-8P2S2X
- IGS-5225-8P4S / IGS-5225-8P2S2T2S
- IGS-5225-4UP1T2S / IGS-5225-4P2S / IGS-5225-4T2S
- IGS-10020HPT / IGS-10020PT
- IGS-10020MT / IGS-10080MFT
- IGS-824UPT
- IGS-4215-16T2S
- IGS-4215-4P4T / IGS-4215-4P4T2S / IGS-4215-8P2T2S
- IGS-1020PTF / IGS-1020PTF-12V
- IFGS-1022HPT

Industrial Ethernet (cont.)

- IGS-504HPT
- IGS-614HPT
- WGSW-20160HP
- IGS-604HPT-RJ
- IGS-604HPT-M12 / IGS-527-8MP2MT
- IGS-5227-6MT / IGS-5227-6MT-X
- ISW-808PF-M12 / ISW-804PT-M12 / ISW-800T-M12
- WGS-5225-8P2SV / WGS-5225-8T2SV / WGS-5225-8P2S
- WGS-4215-8T / WGS-4215-8T2S
- WGS-4215-16P2S / WGS-4215-8P2S
- WGS-804HPT
- WGR-500-4P / WGR-500-4PV / WGR-500
- WGS-814HP / WGS-818HP
- IGS-2420-LTE / ICG-2420G-LTE
- ICG-2510W-LTE / ICG-2510WG-LTE
- VCG-1500WG-LTE
- BSP-360

Industrial Automation

- ICS-2100T/ICS-2105AT / ICS-2102T/ICS-2102T5
- ICS-2200T / ICS-2400T
- IMG-2100T/IMG-2105AT / IMG-2102T/IMG-2102T5
- IMG-2200T / IMG-2400T
- IECS-1116D1 / IECS-1116DO

Power over Ethernet

- SGS-6341-24P4X
- GS-6322-24P4X
- GS-6320-24UP2T2XV
- GS-5220-24UP(L)4XV(R) / GS-5220-16UP2XV(R)
- GS-5220-16UP4S2X / GS-5220-24UP4X
- GS-5220-24P(L)4XV(R) / GS-5220-16P2X(V)(R) / GS-5220-48P(L)4XR
- GS-5220-8P2T2X / GS-5220-8UP2T2X
- SGS-5240-24P4X
- MGS-5220-8P2X
- GS-4210-24UP2C / GS-4210-8HP2S
- GS-4210-24P4C / GS-4210-24P4C / GS-4210-48P4S
- GS-4210-16P2S
- GS-4210-8P2T2S / GS-4210-8P2S
- GS-4210-16UP4C / GS-4210-24UP4C
- FGSD-1008HPS / FGSW-1816HPS / FGSW-2624HPS / FGSW-2624HPS4
- FGSD-1022VHP / FGSW-1822VHP / FGSW-2622VHP
- FGSW-2022VHP
- GSW-1822VHP / GSW-2620VHP / GSW-2620VHP
- GSD-1222VHP / GSW-1820VHP / GSW-2620VHP
- GSD-1008HP / GSD-1008HP
- FSD-1008HP / FSD-1008HP
- FGSD-1008HP / FGSD-1011HP
- FSD-504HP / FSD-604HP
- UPOE-800G / UPOE-1600G / UPOE-2400G
- HPOE-1200G / HPOE-2400G
- POE-171 / POE-173 / POE-171S / IPOE-173S
- POE-171A-60 / POE-171A-95
- POE-175-95 / IPOE-171-95W
- IPOE-175 / IPOE-165
- POE-173S
- IGUP-805AT / IGUP-1205AT / IGUP-2205AT
- IGTP-805A / IGTP-805A / IGTP-815AT
- POE-E101/E201/E202
- IPOE-E302
- LRP-101C-KIT / LRP-101U-KIT
- LRP-104CET / LRP-101ET
- LRP-201ET / LRP-201ET
- LRP-422CST / LRP-422CST / LRP-1622CS
- ENW-9720P / ENW-9740P

Power over Ethernet (top)

- GS-5220-8P2T2S
- WGSW-20160HP
- GS-4210-24HP2C / GS-4210-8HP2S
- GS-4210-24P4C / GS-4210-24P4C / GS-4210-48P4S

Media Conversion

- MC-1610MR / MC-1610MR48
- FST-80x / GST-80x
- MC-1500 / MC-1600R
- FT-80x
- GT-90x / GT-1205A
- GT-90x
- XT-705A / IXT-705AT
- ICS-100/ICS-105A
- VC-231/VC-234 / VC-231G/VC-232G / VC-234G/VC-231GP
- VF-10XG-KIT
- VF-402-KIT

Wireless LANs

- WDAP-850AC
- WDAP-C7210E
- WBS-512AC
- WDAP-W1200E
- WS-1232P / WS-2864PVR
- WDRT-1202AC

IP Telephony

- VIP-1120PT
- VIP-2140PT
- VIP-156/PE / VIP-157S
- ICF-1900
- VGW-420FS / VGW-820FS / VGW-1620FS / VGW-2420FS / VGW-3220FS
- IPX-330/IPX-2100 / IPX-2200/IPX-2500
- UMG-1000

IP Surveillance

- ICA-W7100
- NVR-820
- CAM-AHD325 / CAM-AHD425
- HDVR-435 / HDVR-1635
- NVR-E6480
- ICA-E6260
- ICA-3280 / ICA-4280
- ICA-A3280 / ICA-A4280
- ICA-3580P / ICA-A4580P
- ICA-3460V / ICA-4460V
- NVR-2500 / NVR-2516P
- ICA-HM620

Network Security

- VR-100
- IVR-100
- VR-300/VR-300P / VR-300W/VR-300WP

Broadband Communications

- GPL-8000
- GPN-400ACV
- GPN-100
- EPL-2220 / EPL-4000 / EPL-8000
- EPN-110

Home Automation

- HAC-1000A / HAC-1000B
- VTS-700P
- HDP-1160PT
- HDP-5240PT
- HDP-5290PT
- HZS-100/HZS-200 / HZS-300/HZS-500

Network Management

- NMS-500
- NMS-1000V-10/12
- NMS-360
- NMS-360V-10/12

Network Peripherals

- KVM-210-08 / KVM-210-16
- IKVM-210-08 / IKVM-210-16
- KVM-210-08M / KVM-210-16M / IKVM-210-08M / IKVM-210-16M
- DTR-100D
- DMA-200
- IHD-410PT / IHD-410PR
- IHD-210PT / IHD-210PR
- IPM-4220 / IPM-ESB

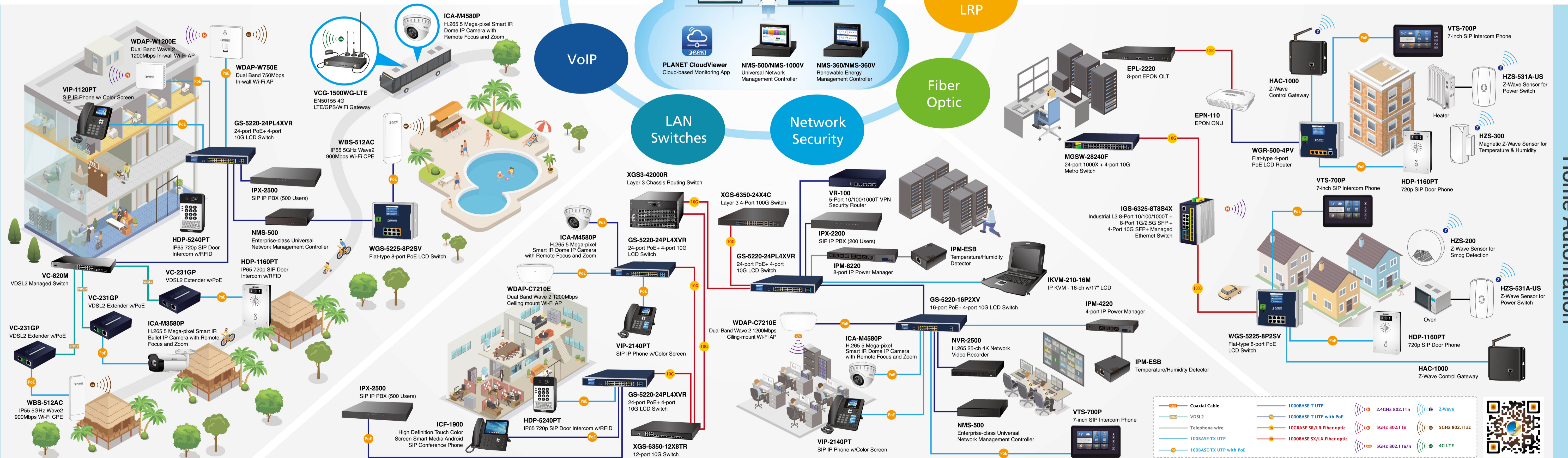## IoV for Smart Transportation

Digital Campus

Industry 4.0

Home Automation

Hotels & Resorts

Enterprises, SMBs & Smart Buildings

Central cloud / Management

Universal Network Management System

- IP Surveillance
- Power over Ethernet
- Industrial Ethernet
- Wireless LAN
- Broadband/LRP
- VoIP
- Fiber Optic
- LAN Switches
- Network Security

PLANET CloudViewer — Cloud-based Monitoring App
NMS-500/NMS-1000V — Universal Network Management Controller
NMS-360/NMS-360V — Renewable Energy Management Controller

Product labels

- **WDAP-C7210E** — Dual Band Wave 2 1200Mbps Ceiling mount Wi-Fi AP
- **WDAP-850AC** — IP67 Dual Band Wave 2 1200Mbps Wi-Fi AP
- **ICA-E6260** — IP67/IK9 2MP E-series Speed Dome Camera
- **ICF-1900** — High Definition Touch Color Screen Smart Media Android SIP Conference Phone
- **HDP-5240PT** — IP65 720p SIP Door Intercom w/RFID
- **NMS-1000V-12** — Enterprise-class Universal Network Management Controller with Touch LCD
- **ICA-E6260** — IP67/IK9 2MP E-series Speed Dome Camera
- **IGS-5227-4MP2MT** — IP67 M12 PoE Switch
- **IGS-5226-4P2T** — 4-port PoE + 2-port TP Switch
- **ENS0155**
- **VCG-1500WG-LTE** — ENS0155 4G LTE/GPS/WiFi Gateway
- **ICS-2200T** — Industrial 2-port Serial Server
- **ICG-2420G-LTE** — Industrial 4G LTE/GPS Gateway
- **WBS-512AC** — IP55 5GHz Wave 2 900Mbps Wi-Fi CPE
- **WDAP-850AC** — IP67 Dual Band Wave 2 1200Mbps Wi-Fi AP
- **IGS-20160HPT** — Industrial 16-port PoE Switch
- **IECS-1116-DI** — 16-ch EtherCAT Slave I/O module
- **IECS-1132-DI** — 32-ch EtherCAT Slave I/O module
- **IECS-1116-DO** — 16-ch EtherCAT Slave I/O module
- **ICA-A4280** — H.265 1080p Smart IR Dome IP Camera with Artificial Intelligence
- **ICA-3280** — H.265 1080p Smart IR Bullet IP Camera
- **IXT-705AT** — Industrial 10GT Converter
- **IMG-120** — Industrial 2-port Modbus Gateway
- **LRP-822CS** — 8-port LRP Managed Switch
- **LRP-104CET** — Industrial 4-port LRP Switch
- **PL-8888**
- **IVR-100** — Industrial 5-port 10/100/1000T VPN Security Router
- **LRP-201ET** — Industrial LRP Extender
- **GS-5220-24UPL4XVR** — 4-port 10G LCD Switch
- **WBS-512AC** — IP55 5GHz Wave2 900Mbps Wi-Fi CPE
- **VIP-2140PT** — SIP IP Phone w/Color Screen
- **XGS3-24242** — Layer 3 24-port SFP + 4-port 10G Stack Switch
- **MC-1500R (XT-705A)** — Media Converter Chassis (10G Converter)
- **ICA-E6260** — IP67/IK9 2MP E-series Speed Dome Camera
- **IGS-5225-8T2S2X** — Industrial 10-port TP + 2-port 10G Switch
- **IGS-5225-4UP1T2S** — Industrial 4-port PoE++ Switch
- **IFB-244 Series** — Industrial 2-Channel Optical Fiber Bypass Switch
- **WGS-5225-8P2SV** — Flat-type 8-port PoE LCD Switch
- **ICA-E6260** — IP67/IK9 2MP E-series Speed Dome Camera
- **LRP-201HT** — Industrial LRP Injector
- **SGS-6341-24P4X** — 24-port PoE + 4-port 10G Stack Switch
- **WBS-512AC** — IP55 5GHz Wave 2 900Mbps Wi-Fi CPE
- **NMS-360V-10** — Enterprise-class Management Controller with Touch LCD
- **SGS-6341-48T4X** — 48-port + 4-port 10G Stack Switch
- **SGS-6341-16S8C4X** — 24-port 1000X + 4-10G Stack Switch
- **BSP-360(V2)** — Renewable Energy PoE Switch
- **XGS-6350-12X8TR** — 12-port 10G Switch
- **WBS-512AC** — IP55 5GHz Wave2 900Mbps Wi-Fi CPE
- **MGSW-28240F** — 24-port 1000X + 4-10G Metro Switch
- **IGS-6325-24P4S** — Industrial 24-port PoE Managed Switch
- **ICA-3280** — H.265 1080p Smart IR Bullet IP Camera
- **WDAP-850AC** — IP67 Dual Band Wave 2 1200Mbps Wi-Fi AP
- **IGS-20160HPT** — Industrial 16-port PoE Switch
- **HDP-5260PT** — IP65/IK9 720p SIP Intercom w/RFID
- **NVR-2516P** — H.265 25-ch 4K Network Video Recorder with 16-Port PoE
- **IGS-6325-20S4C4X** — 24-port 1000/1000X SFP + 4-Port 10G SFP+ Managed Switch
- **IGS-5225-8P2S2X** — Industrial 8-port PoE + 2-port Switch
- **ICG-2420G-LTE** — Industrial 4G LTE/GPS Gateway
- **ICS-2400T** — Industrial 4-port Serial Server
- **ICA-E6260** — IP67/IK9 2MP E-series Speed Dome Camera
- **IGS-5227-4MP2MT** — Industrial IP67 Rated 4-Port 10/100/1000T 802.3at PoE + 2-Port 10/100/1000T Managed Ethernet Switch
- **IGS-5225-4UP1T2S** — Industrial 4-port PoE++ Switch
- **IGS-5227-6MT** — IP67 M12 Managed Switch
- **IMG-110T** — Industrial 1-port Modbus Gateway
- **WDAP-W1200E** — Dual Band Wave 2 1200Mbps In-wall Wi-Fi AP
- **WDAP-W750E** — Dual Band 750Mbps In-wall Wi-Fi AP
- **VCG-1500WG-LTE** — ENS0155 4G LTE/GPS/WiFi Gateway
- **ICA-M4580P** — H.265 5 Mega-pixel Smart IR Dome IP Camera with Remote Focus and Zoom
- **VIP-1120PT** — SIP IP Phone w/ Color Screen
- **GS-5220-24PL4XVR** — 24-port PoE+ 4-port 10G LCD Switch
- **WBS-512AC** — IP55 5GHz Wave2 900Mbps Wi-Fi CPE
- **IPX-2500** — SIP IP PBX (500 Users)
- **NMS-500** — Enterprise-class Universal Network Management Controller
- **WGS-5225-8P2SV** — Flat-type 8-port PoE LCD Switch
- **EPL-2220** — 8-port EPON OLT
- **EPN-110** — EPON ONU
- **MGSW-28240F** — 24-port 1000X + 4-port 10G Metro Switch
- **HAC-1000** — Z-Wave Control Gateway
- **HZS-531A-US** — Z-Wave Sensor for Power Switch
- **VTS-700P** — 7-inch SIP Intercom Phone
- **WGR-500-4PV** — Flat-type 4-port PoE LCD Router
- **HZS-300** — Magnetic Z-Wave Sensor for Temperature & Humidity
- **HDP-1160PT** — 720p SIP Door Phone
- **VC-820M** — VDSL2 Managed Switch
- **VC-231GP** — VDSL2 Extender w/PoE
- **HDP-5240PT** — IP65 720p SIP Door Intercom w/RFID
- **HDP-1160PT** — IP65 720p SIP Door Intercom w/RFID
- **ICA-M3580P** — H.265 5 Mega-pixel Smart IR Bullet IP Camera with Remote Focus and Zoom
- **XGS3-42000R** — Layer 3 Chassis Routing Switch
- **XGS-6350-24X4C** — Layer 3 4-Port 100G Switch
- **VR-100** — 5-Port 10/100/1000T VPN Security Router
- **IPX-2200** — SIP IP PBX (200 Users)
- **GS-5220-24PL4XVR** — 24-port PoE+ 4-port 10G LCD Switch
- **ICA-M4580P** — H.265 5 Mega-pixel Smart IR Dome IP Camera with Remote Focus and Zoom
- **IPM-ESB** — Temperature/Humidity Detector
- **IPM-8220** — 8-port IP Power Manager
- **IKVM-210-16M** — IP KVM - 16-ch w/17" LCD
- **IGS-6325-8T8S4X** — Industrial L3 8-Port 10/100/1000T + 8-Port 1G/2.5G SFP + 4-Port 10G SFP+ Managed Ethernet Switch
- **HZS-200** — Z-Wave Sensor for Smog Detection
- **HZS-531A-US** — Z-Wave Sensor for Power Switch
- **GS-5220-16P2XV** — 16-port PoE+ 4-port 10G LCD Switch
- **IPM-4220** — 4-port IP Power Manager
- **WDAP-C7210E** — Dual Band Wave 2 1200Mbps Ceiling-mount Wi-Fi AP
- **VIP-2140PT** — SIP IP Phone w/Color Screen
- **NVR-2500** — H.265 25-ch 4K Network Video Recorder
- **WGS-5225-8P2SV** — Flat-type 8-port PoE LCD Switch
- **HDP-1160PT** — 720p SIP Door Phone
- **HAC-1000** — Z-Wave Control Gateway
- **VC-231GP** — VDSL2 Extender w/PoE
- **VC-231GP** — VDSL2 Extender w/PoE
- **WBS-512AC** — IP55 5GHz Wave2 900Mbps Wi-Fi CPE
- **IPX-2500** — SIP IP PBX (500 Users)
- **ICF-1900** — High Definition Touch Color Screen Smart Media Android SIP Conference Phone
- **HDP-5240PT** — IP65 720p SIP Door Intercom w/RFID
- **XGS-6350-12X8TR** — 12-port 10G Switch
- **GS-5220-24PL4XVR** — 24-port PoE+ 4-port 10G LCD Switch
- **IPM-ESB** — Temperature/Humidity Detector
- **VIP-2140PT** — SIP IP Phone w/Color Screen
- **VTS-700P** — 7-inch SIP Intercom Phone
- **NMS-500** — Enterprise-class Universal Network Management Controller

10G/1G ERPS Ring <10ms

Legend
- Coaxial Cable
- VDSL2
- Telephone wire
- 100BASE-TX UTP
- 100BASE-TX UTP with PoE
- 1000BASE-T UTP
- 1000BASE-T UTP with PoE
- 10GBASE-SR/LR Fiber-optic
- 1000BASE-SX/LX Fiber-optic
- 2.4GHz 802.11n
- 5GHz 802.11n
- 5GHz 802.11a/n
- Z-Wave
- 5GHz 802.11ac
- 4G LTE