



Edge Gateway for Ubiquitous Access

Table of Contents

P03 **4G/5G FWA Solution**

- Key Features
- Application Scenarios
- Connection Diagrams
- Device Catalogue

P07 **Home Wi-Fi Solution**

- Key Features
- Application Scenarios
- Connection Diagrams
- Device Catalogue

P17 **FTTX Solution**

- Key Features
- Application Scenarios
- Connection Diagrams
- Device Catalogue

P22 **SMB Gateway**

- Key Features
- Application Scenarios
- Connection Diagrams
- Device Catalogue

P25 **4G/5G M2M Solution**

- Key Features
- Application Scenarios
- Connection Diagrams
- Device Catalogue

4G/5G FWA Solution

Fixed wireless access (FWA) is a fast and reliable way to connect homes and businesses to the internet using wireless technology. FWA eliminates the need for costly and time-consuming installation of cables or fiber optics, and provides high-speed broadband service over long distances. D-Link provides 5G fixed wireless access (FWA) solutions that enable ultra-fast and low-latency wireless connectivity for homes and businesses. Our solutions include:

- **5G ODUs:** These devices receive 5G signals from a nearby base station and convert them into Wi-Fi or Ethernet connections for indoor devices. They have a rugged and weatherproof design, and support external antennas for enhanced signal reception and coverage.
- **5G Wi-Fi 6/Wi-Fi 7 mesh indoor CPEs:** These devices create a seamless and secure Wi-Fi network throughout your premises using 5G signals. They support Wi-Fi 6 and Wi-Fi 7 standards, which offer faster speeds, higher capacity, and lower interference than previous generations.
- **Wi-Fi IDUs:** These devices connect to the 5G outdoor CPEs via Ethernet cables and provide Wi-Fi access points for indoor devices. They support Wi-Fi 6 and Wi-Fi 7 standards, and can be easily installed and configured.
- **Management Apps:** These apps allow you to remotely monitor and manage your 5G FWA devices and network via your smartphone or tablet. You can check the status, performance, and settings of your devices.

Key Features



Ultra Fast Speed

Sub-6 GHz 5G NR, Wi-Fi 6/ Wi-Fi 7 technology to deliver faster speeds.



Gigabit Ports

Connect to smart TVs, game consoles, PCs and more for fast and reliable connections.



Wi-Fi Mesh

D-Link Wi-Fi Mesh intelligently finds best path and provide better coverage of routers.



Secure Network

Keep your network safe with guest Wi-Fi, WPA3 encryption, and IEC 62443-4-1 security certification.



Access Anywhere

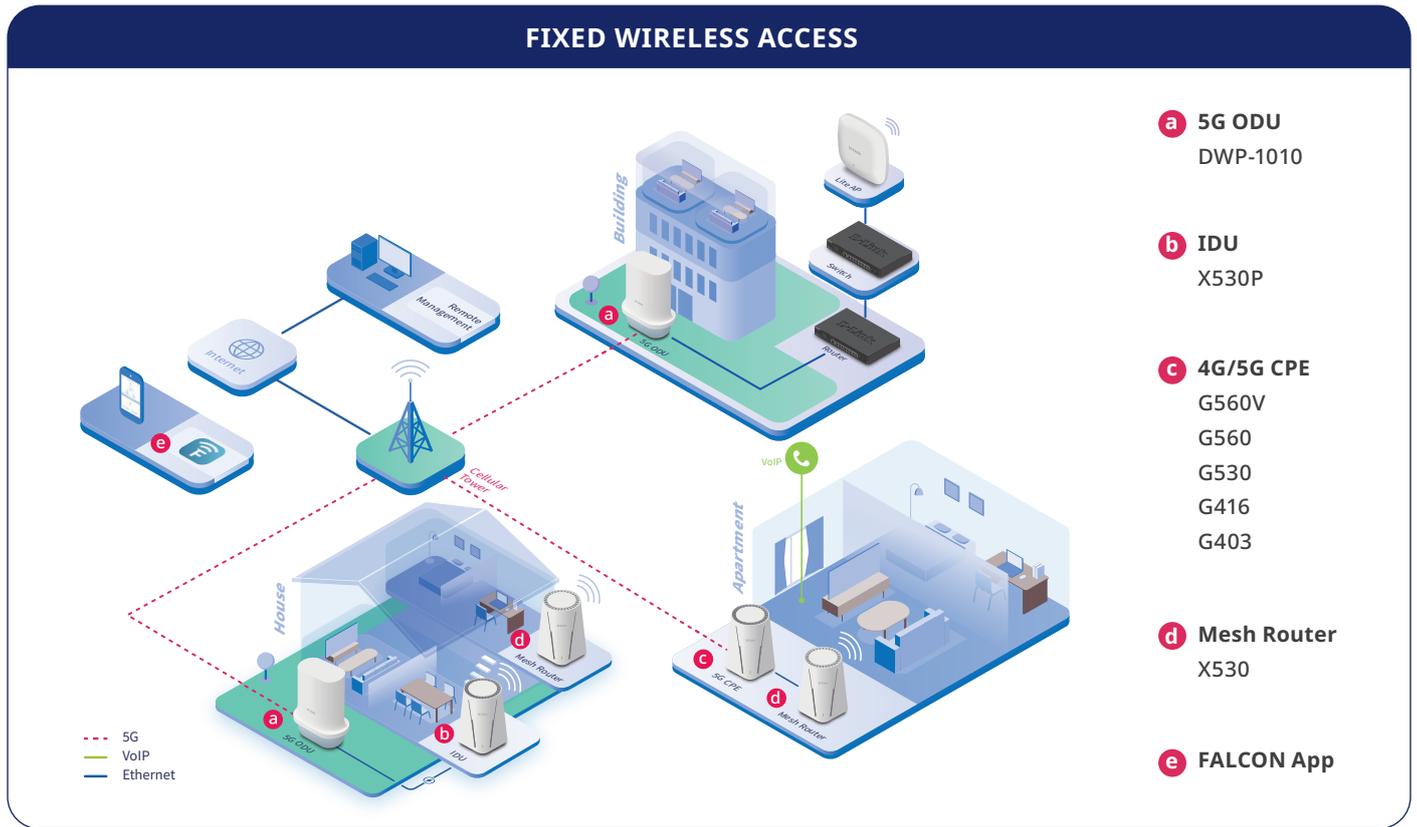
App and cloud service allow to access the device anywhere, anytime.



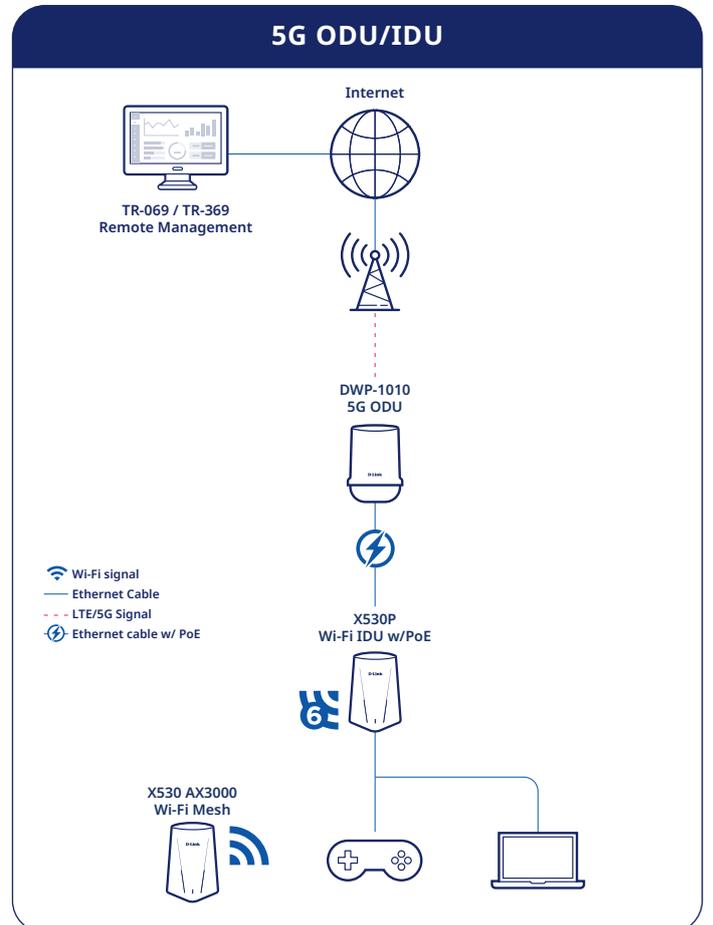
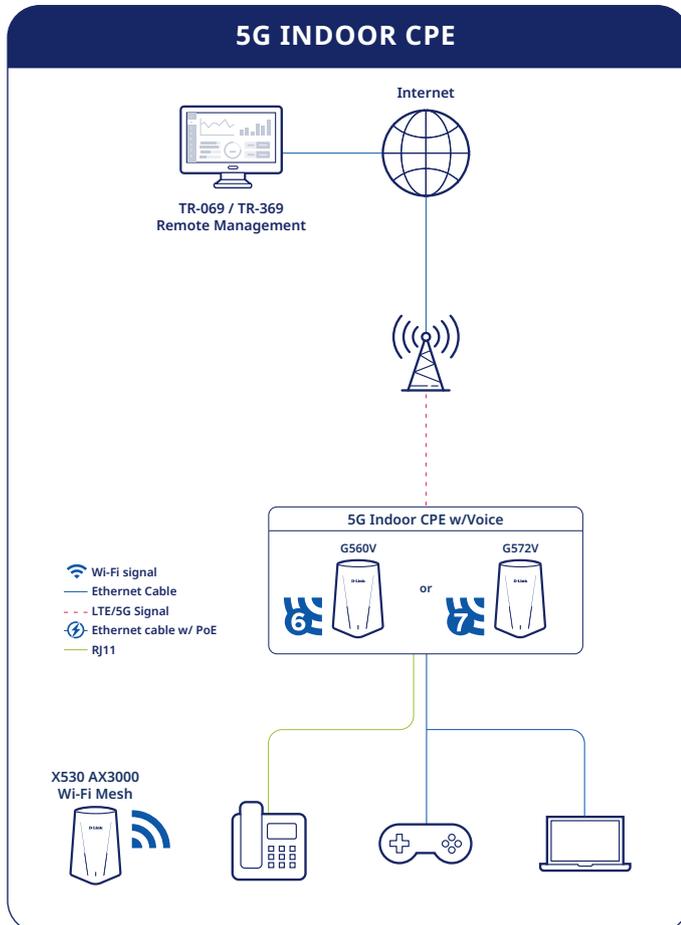
Remote Management

Support TR-069/TR-369 remote management

Application Scenarios



Connection Diagrams



Device Catalogue

Product Name	5G NR ODU	Wi-Fi 6 AX3000 IDU	Wi-Fi 6 AX3000 Mesh Router	4G LTE Cat 4 N300 Router
Model Name	DWP-1010	X530P	X530	G403
Product Image				
Hardware				
5G NR Sub 6	Release 16	-	-	-
LTE	Cat 19 (DL)/ Cat 18 (UL)	-	-	Cat 4
Wi-Fi	802.11n for setup	802.11ax, 3000Mbps	802.11ax, 3000Mbps	802.11n, 300Mbps
LTE/5G Antenna	4 int. or 2 int.+2 ext.	-	-	2 ext.
Wi-Fi Antenna	2 Int.	2.4GHz × 2 Internal 5GHz × 2 Internal 5GHz × 1 for Rx sensitivity	2.4GHz × 2 Internal 5GHz × 2 Internal 5GHz × 1 for Rx sensitivity	2 ext.
Power	25W PoE	12V/5A	12V/1.5A	12V/1A
WAN Port (RJ45)	-	2.5GE PoE	GE	FE
LAN Port (RJ45)	2.5GE	GE x 2	GE x 1	FE x 4
Phone (RJ11)	-	-	-	-
SIM Slot	Micro SIM	-	-	Mini SIM
Buttons	Reset, Wi-Fi	Reset, WPS, power	Reset, WPS, power	Reset, WPS, power
LEDs	2	1	1	6
Functionality				
Dial Up	✓	-	-	✓
Failover	-	-	-	✓
Data Cap	✓	-	-	✓
SMS	✓	-	-	✓
PIN	✓	-	-	✓
USSD	-	-	-	✓
Wi-Fi Mesh	-	✓	✓	-
Static IP/ Dynamic IP/ PPPoE	Static IP/Dynamic IP	✓	✓	✓
IPv4/v6	✓	✓	✓	✓
Dynamic DNS	✓	✓	✓	✓
DCHP Server	✓	✓	✓	✓
Wi-Fi Encryption (WPA2/WPA3)	WPA2	✓	✓	✓
Wi-Fi Guest Zone	-	✓	✓	✓
Virtual Server	✓	✓	✓	✓
Port Forwarding	✓	✓	✓	✓
DMZ	-	✓	✓	✓
IGMP proxy/ snooping	-	✓	✓	✓
SPI Firewall	-	✓	✓	✓
DoS	-	✓	✓	✓
L2TP	-	✓	✓	-
PPTP	-	✓	✓	-
MLD Proxy/Snooping	-	✓	✓	✓
UPnP (IGD)	-	✓	✓	✓
VLAN	✓	✓	✓	✓
Parental Control	-	✓	✓	✓
Management				
Web Management	✓	✓	✓	✓
TR-069/TR-369	✓	✓	✓	-
Falcon App	-	✓	✓	-
EZ Site Survey App	✓	-	-	-

Product Name	4G LTE Cat 6 AX1500 Router	5G NR AX3000 Mesh Router	5G NR AX6000 Mesh Router	5G NR AX6000 IAD
Model Name	G416	G530	G560	G560V
Product Image				
Hardware				
5G NR Sub 6	-	Release16	Release16	Release16
LTE	Cat 6	Cat 19 (DL)/ Cat 18 (UL)	Cat 19 (DL)/ Cat 18 (UL)	Cat 19 (DL)/ Cat 18 (UL)
Wi-Fi	802.11ax, 1500Mbps	802.11ax, 3000Mbps	802.11ax, 6000Mbps	802.11ax, 6000Mbps
LTE/5G Antenna	2 ext.	4 int.	4 int.	4 int.
Wi-Fi Antenna	4 int.	2.4GHz x 2 Internal 5GHz x 2 Internal 5GHz x 1 for Rx sensitivity	8 int.	8 int.
Power	12V/1.5A	12V/2.5A	12V/4A	12V/4A
WAN Port (RJ45)	GE	GE	2.5 GE	2.5 GE
LAN Port (RJ45)	GE x 3	GE x 1	GE x 4	GE x 4
Phone (RJ11)	-	-	-	VoIP
SIM Slot	Mini SIM	Nano SIM	Nano SIM	Nano SIM
Buttons	Reset, WPS, WLAN, power	Reset, WPS, power	Reset, WPS, power	Reset, WPS, power
LEDs	7	1	1	1
Functionality				
Dial Up	✓	✓	✓	✓
Failover	✓	✓	✓	✓
Data Cap	✓	✓	✓	✓
SMS	✓	✓	✓	✓
PIN	✓	✓	✓	✓
USSD	✓	-	-	-
Wi-Fi Mesh	-	✓	✓	✓
Static IP/ Dynamic IP/ PPPoE	✓	✓	✓	✓
IPv4/v6	✓	✓	✓	✓
Dynamic DNS	✓	✓	✓	✓
DCHP Server	✓	✓	✓	✓
Wi-Fi Encryption (WPA2/WPA3)	✓	✓	✓	✓
Wi-Fi Guest Zone	✓	✓	✓	✓
Virtual Server	✓	✓	✓	✓
Port Forwarding	✓	✓	✓	✓
DMZ	✓	✓	✓	✓
IGMP Proxy/ Snooping	✓	✓	✓	✓
SPI Firewall	✓	✓	✓	✓
DoS	✓	✓	✓	✓
L2TP	✓	✓	✓	✓
PPTP	✓	✓	✓	✓
MLD Proxy/Snooping	✓	✓	✓	✓
UPnP (IGD)	✓	✓	✓	✓
VLAN	✓	✓	✓	✓
Parental Control	✓	✓	✓	✓
Management				
Web Management	✓	✓	✓	✓
TR-069/TR-369	✓	✓	✓	✓
Falcon App	✓	✓	✓	✓
EZ Site Survey App	✓	-	-	-

Home Wi-Fi Solution

D-Link home gateways feature the latest Wi-Fi technology, ensuring faster speeds, greater capacity, and reduced network congestion. All the gateways are seamlessly compatible with D-Link smart mesh Wi-Fi system*, allowing you to effortlessly build a mesh Wi-Fi network to cover the whole home without dead zones.

The built-in AI algorithm is designed to optimize Wi-Fi performance, providing a stable connection throughout the home. Network management is made simple and convenient with our intuitive, free app* and hands-free voice control.

*The AQUILA PRO AI Series and EAGLE PRO AI Series are separate Mesh Wi-Fi systems. They are not interchangeable and each requires its specific app for device setup and network management.



Key Features



AI Wi-Fi Optimizer

Automatically keeps you on the optimal channel to eliminate interference



AI Mesh Optimizer

Auto path optimization and self-healing capabilities for seamless connections



AI Traffic Optimizer

AI-based QoS technology enables uninterrupted network experience for important applications



Easy Setup and Management

Set up your mesh Wi-Fi in minutes with the AQUILA PRO AI app to effortlessly manage your home network



Gigabit Ports

Plug in smart TVs, game consoles, and more for fast and reliable connections



Health Mode

Transform your internet habits and experience a deeper rest with the option of automatic Wi-Fi shutdown at bedtime



Secure Network

Help keep your network safer with Advanced Parental Controls, guest Wi-Fi, WPA3™ encryption and IEC 62443-4-1 security certification



Voice Control

Voice control works with Amazon Alexa or Google Assistant

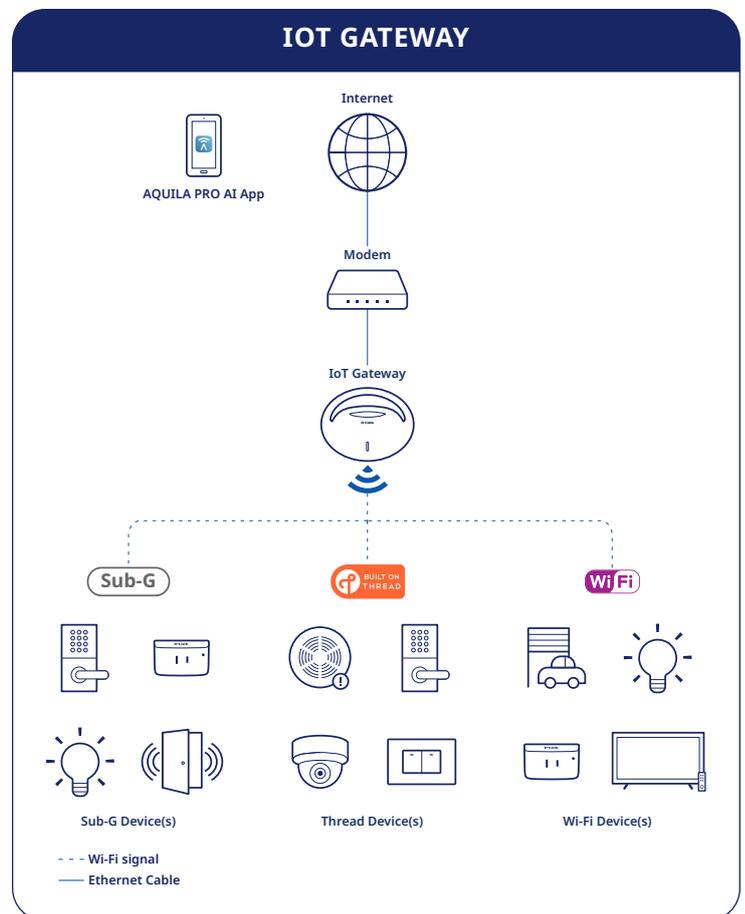
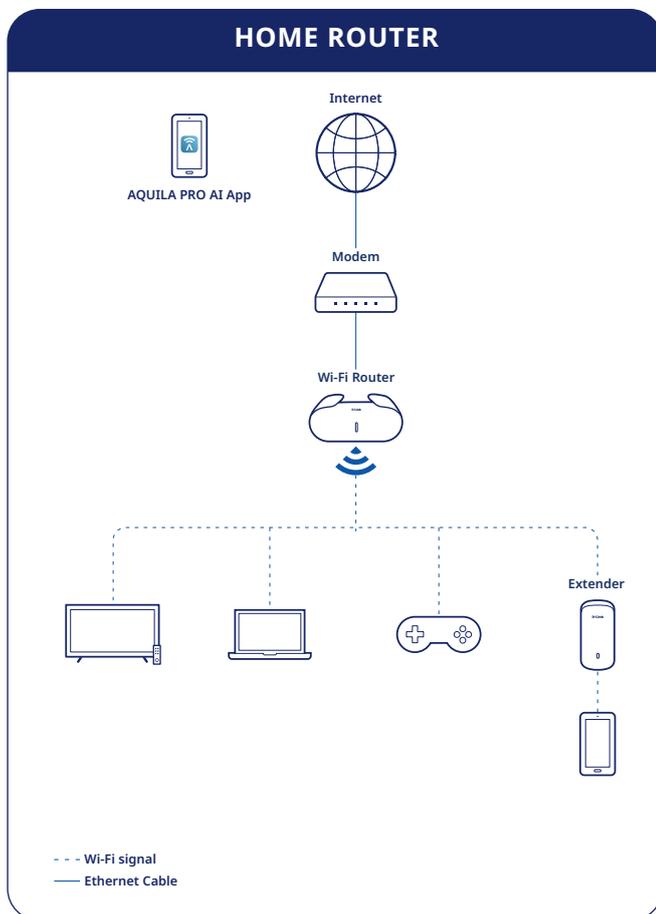
Application Scenarios

HOME GATEWAY

- a** **Wi-Fi Router**
M95
BE9500 & Mesh Support
- b** **Wi-Fi Extender**
E30
AX3000 & Mesh Support
- c** **Wi-Fi IoT Gateway**
MS60
AX6000 & Matter Support
- d** **Wi-Fi Smart Plug**
PM-01M
Smart Plug & Matter Support
- e** **Wi-Fi IP Camera**
CP-01M
2K QHD Pan & Tilt
- f** **AQUILA Pro App**
Easy setup anywhere, anytime

— Ethernet/1G copper

Connection Diagrams



Device Catalogue

Product Name	Wi-Fi 6 AX3000 Router	Wi-Fi 6 AX6000 Router	AX3000 Wi-Fi 6 Mesh Router with Matter	Premium AX6000 Wi-Fi 6 Mesh Router with Matter	Wi-Fi 7 BE9500 Router
Model Name	M30	M60	MS30	MS60	M95
Product Image					
Wireless Speed	3000Mbps (2.4GHz + 5GHz)	6000Mbps (2.4GHz + 5GHz)	3000Mbps (2.4GHz + 5GHz)	6000Mbps (2.4GHz + 5GHz)	9500Mbps (2.4GHz + 5GHz + 6GHz)
Hardware					
Antenna Type	5 Internal Antenna (2.4GHz x 2; 5GHz x 3)	8 Internal Antenna (2.4GHz x 4; 5GHz x 4)	5 Internal Antenna (2.4GHz x 2; 5GHz x 3)	8 Internal Antenna (2.4GHz x 4; 5GHz x 4)	6 Internal Antenna (2.4GHz x 2; 5GHz x 2; 6GHz x 2)
Antenna Gain	3dBi	3.5dBi	3dBi	3dBi	3dBi
Power Adapter	12V/1A	12V/2.5A	12V/2A	12V/3A	12V/5A
Extender Mode	✓	✓	✓	✓	✓
Bridge Mode	✓	✓	✓	✓	✓
802.11kv	✓	✓	✓	✓	✓
D-Link Wi-Fi Mesh	✓	✓	✓	✓	✓
Algorithm					
Beamforming	✓	✓	✓	✓	✓
MU-MIMO	✓	✓	✓	✓	✓
Config. Utility/APP					
Web-based Setup Wizard	✓	✓	✓	✓	✓
Mobile APP	AQUILA PRO AI	AQUILA PRO AI	AQUILA PRO AI	AQUILA PRO AI	AQUILA PRO AI
Interface					
Wireless (ax/ac/a/b/g/n)	a/b/g/n/ ac/ax (Concurrent dual band)	a/b/g/n/ ac/ax (Concurrent dual band)	a/b/g/n/ ac/ax (Concurrent dual band)	a/b/g/n/ ac/ax (Concurrent dual band)	a/b/g/n/ ac/ax be (Concurrent tri band)
WAN	GE x 1 (1000/100/10)	2.5GE x 1 (2500/1000/100/10)	GE x 1 (1000/100/10)	2.5GE x 1 (2500/1000/100/10)	2.5GE x 1 (2500/1000/100/10)
LAN	GE x 4 (1000/100/10)	GE x 4 (1000/100/10)	GE x 4 (1000/100/10)	GE x 4 (1000/100/10)	2.5GE x 4 (2500/1000/100/10)
Cloud Feature					
D-Link Cloud, Alexa/Google Voice control	✓	✓	✓	✓	✓
AI Assistant					
Weekly Wi-Fi Optimizer Report	✓	✓	✓	✓	✓
Weekly Internet Traffic Report	✓	✓	✓	✓	✓
Weekly Night Time Active Report	✓	✓	✓	✓	✓
Wi-Fi Optimizer					
Wi-Fi Optimizer	✓	✓	✓	✓	✓
Custom Time	✓	✓	✓	✓	✓
Traffic Optimizer					
Test Internet Speed	✓	✓	✓	✓	✓
Large Data Flow Detection	✓	✓	✓	✓	✓
Auto Flow Prioritization	✓	✓	✓	✓	✓
Priority Per Client	✓	✓	✓	✓	✓
Timed Priority Per Client	✓	✓	✓	✓	✓
Client Statistic	✓	✓	✓	✓	✓
Parental Control					
Profiles	12 Profiles	12 Profiles	12 Profiles	12 Profiles	12 Profiles
Pause Internet	✓	✓	✓	✓	✓
Website Filter	✓	✓	✓	✓	✓
Bedtime Schedule 1 & 2	✓	✓	✓	✓	✓
Customize Schedule	✓	✓	✓	✓	✓
Captive Portal - With Customize	✓	✓	✓	✓	✓
Allow Slow Access During Internet Restricted	✓	✓	✓	✓	✓

Product Name	N300 Smart Router	N300 Smart Router	AC1200 Wi-Fi Router
Model Name	R03	R04	R12
Product Image			
Wireless Speed	300Mbps (2.4GHz)	300Mbps (2.4GHz)	1200Mbps (2.4GHz + 5GHz)
Hardware			
Antenna Type	2 External Antenna (2.4GHz x 2)	3 External Antenna (2.4GHz x 3)	4 External Antenna (2.4GHz x 2; 5GHz x 2)
Antenna Gain	5dBi	5dBi	5dBi
Power Adapter	12V/1A	12V/1A	12V/1A
Extender Mode	✓	✓	✓
Bridge Mode	N/A	N/A	✓
802.11kv	✓	✓	✓
D-Link Wi-Fi Mesh	N/A	N/A	N/A
Algorithm			
Beamforming	N/A	N/A	N/A
MU-MIMO	N/A	N/A	N/A
Config. Utility/APP			
Web-based Setup Wizard	✓	✓	✓
Mobile APP	EAGLE PRO AI	EAGLE PRO AI	EAGLE PRO AI
Interface			
Wireless (ax/ac/a/b/g/n)	b/g/n (Single band)	b/g/n (Single band)	a/b/g/n/ ac (Concurrent dual band)
WAN	FE x 1 (100/10)	FE x 1 (100/10)	GE x 1 (1000/100/10)
LAN	FE x 4 (100/10)	FE x 4 (100/10)	GE x 4 (1000/100/10)
Cloud Feature			
D-Link Cloud, Alexa/Google Voice control	✓	✓	✓
AI Assistant			
Weekly Wi-Fi Optimizer Report	✓	✓	✓
Weekly Internet Traffic Report	N/A	N/A	N/A
Weekly Night Time Active Report	N/A	N/A	N/A
Wi-Fi Optimizer			
Wi-Fi Optimizer	✓	✓	✓
Custom Time	✓	✓	✓
Traffic Optimizer			
Test Internet Speed	✓	✓	✓
Large Data Flow Detection	N/A	N/A	N/A
Auto Flow Prioritization	N/A	N/A	N/A
Priority Per Client	✓	✓	✓
Timed Priority Per Client	✓	✓	✓
Client Statistic	N/A	N/A	N/A
Parental Control			
Profiles	12 Profiles	12 Profiles	12 Profiles
Pause Internet	✓	✓	✓
Website Filter	✓	✓	✓
Bedtime Schedule 1 & 2	✓	✓	✓
Customize Schedule	✓	✓	✓
Captive Portal - With Customize	✓	✓	✓
Allow Slow Access During Internet Restricted	✓	✓	✓

Product Name	AX1500 Smart Router	AX1500 Mesh Router	AX1800 Smart Router
Model Name	R15	M15	R18
Product Image			
Wireless Speed	1500Mbps (2.4GHz + 5GHz)	1500Mbps (2.4GHz + 5GHz)	1800Mbps (2.4GHz + 5GHz)
Hardware			
Antenna Type	4 External Antenna (2.4GHz x 2; 5GHz x 2)	4 Internal Antenna (2.4GHz x 2; 5GHz x 2)	4 External Antenna (2.4GHz x 2; 5GHz x 2) + 1 Internal Antenna (5GHz for scanning)
Antenna Gain	5dBi	3dBi	5dBi
Power Adapter	12V/1A	12V/1A	12V/1A
Extender Mode	✓	✓	✓
Bridge Mode	✓	✓	✓
802.11kv	✓	✓	✓
D-Link Wi-Fi Mesh	✓	✓	✓
Algorithm			
Beamforming	✓	✓	✓
MU-MIMO	✓ (5GHz)	✓ (5GHz)	✓
Config. Utility/APP			
Web-based Setup Wizard	✓	✓	✓
Mobile APP	EAGLE PRO AI	EAGLE PRO AI	EAGLE PRO AI
Interface			
Wireless (ax/ac/a/b/g/n)	a/b/g/n/ ac/ax (Concurrent dual band)	a/b/g/n/ ac/ax (Concurrent dual band)	a/b/g/n/ ac/ax (Concurrent dual band)
WAN	GE x 1 (1000/100/10)	GE x 1 (1000/100/10)	GE x 1 (1000/100/10)
LAN	GE x 3 (1000/100/10)	GE x 1 (1000/100/10)	GE x 3 (1000/100/10)
Cloud Feature			
D-Link Cloud, Alexa/Google Voice control	✓	✓	✓
AI Assistant			
Weekly Wi-Fi Optimizer Report	✓	✓	✓
Weekly Internet Traffic Report	✓	✓	✓ (Weekly total data only)
Weekly Night Time Active Report	✓	✓	✓
Wi-Fi Optimizer			
Wi-Fi Optimizer	✓	✓	✓
Custom Time	✓	✓	✓
Traffic Optimizer			
Test Internet Speed	✓	✓	✓
Large Data Flow Detection	✓	✓	N/A
Auto Flow Prioritization	✓	✓	N/A
Priority Per Client	✓	✓	✓
Timed Priority Per Client	✓	✓	✓
Client Statistic	✓	✓	✓
Parental Control			
Profiles	12 Profiles	12 Profiles	12 Profiles
Pause Internet	✓	✓	✓
Website Filter	✓	✓	✓
Bedtime Schedule 1 & 2	✓	✓	✓
Customize Schedule	✓	✓	✓
Captive Portal - With Customize	✓	✓	✓
Allow Slow Access During Internet Restricted	✓	✓	N/A

Product Name	AX1800 Mesh Router	AX3200 Smart Router	AX3200 Mesh Router
Model Name	M18	R32	M32
Product Image			
Wireless Speed	1800Mbps (2.4GHz + 5GHz)	3200Mbps (2.4GHz + 5GHz)	3200Mbps (2.4GHz + 5GHz)
Hardware			
Antenna Type	4 Internal Antenna (2.4GHz/5GHz x 4) + 1 Internal Antenna (5GHz for scanning)	4 External Antenna (2.4GHz/5GHz x 4) + 1 Internal Antenna (5GHz for scanning)	4 Internal Antenna (2.4GHz/5GHz x 4) + 1 Internal Antenna (5GHz for scanning)
Antenna Gain	3dBi	5dBi	5dBi
Power Adapter	12V/1A	12V/2A	12V/2A
Extender Mode	✓	✓	✓
Bridge Mode	✓	✓	✓
802.11kv	✓	✓	✓
D-Link Wi-Fi Mesh	✓	✓	✓
Algorithm			
Beamforming	✓	✓	✓
MU-MIMO	✓ (5GHz)	✓ (5GHz)	✓
Config. Utility/APP			
Web-based Setup Wizard	✓	✓	✓
Mobile APP	EAGLE PRO AI	EAGLE PRO AI	EAGLE PRO AI
Interface			
Wireless (ax/ac/a/b/g/n)	a/b/g/n/ ac/ax (Concurrent dual band)	a/b/g/n/ ac/ax (Concurrent dual band)	a/b/g/n/ ac/ax (Concurrent dual band)
WAN	GE x 1 (1000/100/10)	GE x 1 (1000/100/10)	GE x 1 (1000/100/10)
LAN	GE x 3 (1000/100/10)	GE x 1 (1000/100/10)	GE x 3 (1000/100/10)
Cloud Feature			
D-Link Cloud, Alexa/Google Voice control	✓	✓	✓
AI Assistant			
Weekly Wi-Fi Optimizer Report	✓	✓	✓
Weekly Internet Traffic Report	✓ (Weekly total data only)	✓	✓ (Weekly total data only)
Weekly Night Time Active Report	✓	✓	✓
Wi-Fi Optimizer			
Wi-Fi Optimizer	✓	✓	✓
Custom Time	✓	✓	✓
Traffic Optimizer			
Test Internet Speed	✓	✓	✓
Large Data Flow Detection	N/A	✓	N/A
Auto Flow Prioritization	N/A	✓	N/A
Priority Per Client	✓	✓	✓
Timed Priority Per Client	✓	✓	✓
Client Statistic	✓	✓	✓
Parental Control			
Profiles	12 Profiles	12 Profiles	12 Profiles
Pause Internet	✓	✓	✓
Website Filter	✓	✓	✓
Bedtime Schedule 1 & 2	✓	✓	✓
Customize Schedule	✓	✓	✓
Captive Portal - With Customize	✓	✓	✓
Allow Slow Access During Internet Restricted	N/A	✓	✓

Product Name	AX3000 Wi-Fi 6 Mesh Range Extender	AX1500 Wi-Fi 6 AI Range Extender
Model Name	E30	E15
Product Image		
Wireless Speed	3000Mbps (2.4GHz + 5GHz)	1500Mbps (2.4GHz + 5GHz)
Hardware		
Antenna Type	3 Internal Antenna (2.4GHz/5GHz x 2; 5GHz x 1)	2 External Antenna + 1 Internal Antenna (for scanning)
Antenna Gain	5dBi	3dBi
Power Adapter	✓	100~240VAC
Repeater Mode	✓	✓
802.11kv	✓	✓
D-Link Wi-Fi Mesh	✓	✓
Algorithm		
Beamforming	✓	✓
MU-MIMO	✓	✓ (5GHz)
Config. Utility/APP		
Web-based Setup Wizard	✓	✓
Mobile APP	AQUILA PRO AI	EAGLE PRO AI
Interface		
Wireless (ax/ac/a/b/g/n)	a/b/g/n/ ac/ax (Concurrent dual band)	a/b/g/n/ ac/ax (Concurrent dual band)
LAN	GE x 1 (1000/100/10)	GE x 1 (1000/100/10)
Cloud Feature		
D-Link Cloud, Alexa/Google Voice control	✓	✓
AI Assistant		
Weekly Wi-Fi Optimizer Report	-	-
Weekly Internet Traffic Report	-	-
Weekly Night Time Active Report	-	-
Wi-Fi Optimizer		
Wi-Fi Optimizer	-	-
Custom Time	-	-
Traffic Optimizer		
Test Internet Speed	-	-
Large Data Flow Detection	-	-
Auto Flow Prioritization	-	-
Priority Per Client	-	-
Timed Priority Per Client	-	-
Client Statistic	-	-
Parental Control		
Profiles	-	-
Pause Internet	-	-
Website Filter	-	-
Bedtime Schedule 1 & 2	-	-
Customize Schedule	-	-
Captive Portal - With Customize	-	-
Allow Slow Access During Internet Restricted	-	-

Product Name		Compact Full HD Wi-Fi Camera	2K QHD Indoor Wi-Fi Camera	Compact Full HD Pan & Tilt Wi-Fi Camera	Compact Full HD Pan & Tilt Wi-Fi Camera
Model Name		DCS-6100LHV2	DCS-8350LH	DCS-6500LHV2	DCS-6501LH / C1
Product Image					
Key Components					
Sensor	Progressive Scan CMOS Sensor	1/2.9"	1/3"	1/2.9"	1/2.9"
Flash		16MB	128MB	16MB	16MB
RAM		64MB	128MB	64MB	64MB
Lens	Fixed lens	✓	✓	✓	✓
	F (Aperture)	2.4	1.6	2.1	2.1
	f (focal length)	3.3mm	2.97mm	4.12mm	4.12mm
Mobile APP		mydlink App	mydlink App	mydlink App	mydlink App
Key Features					
Max. Resloution		2M/1080P (1920x1080)	4M/1440P (2560x1440)	2M/1080P (1920x1080)	2M/1080P (1920x1080)
View Angle	D	120°	127°	95°	95°
	H	99°	108°	80°	80°
	V	57°	58°	43°	43°
Support ONVIF Profile		-	S/T	-	-
Compression		H.264	H.265 / H.264	H.264	H.264
Day-n-night		✓	✓	✓	✓
Distance for IR		5M	7M	5M	5M
MIC		✓	✓	✓	✓
Speaker		✓	✓	✓	✓
2-Way audio	Half-duplex	✓	✓	✓	✓
MicroSD		✓	✓	✓	✓
Wi-Fi	11n 1x1	✓	-	✓	✓
	11n 2x2	-	-	-	-
	11ac 1x1	-	✓	-	-
	11ac 2x2	-	-	-	-
PT		-	-	✓ Pan range: -170° to 170° (total 340°) Tilt range: -40° to 50° (total 90°)	✓ Pan range: -170° to 170° (total 340°) Tilt range: -40° to 50° (total 90°)
BLE (Bluetooth Low Energy)		-	✓	-	-
Ethernet		-	-	-	-
IP65		-	-	-	-
Motion Detection		✓	✓	✓	✓
Sound Detection		✓	✓	✓	✓
Siren		-	-	-	-
IVA/AI	Auto Tracking	-	-	✓	✓
	Panorama View	-	-	✓	✓
	Person Detection	-	✓	-	-
	Vehicle Detection	-	-	-	-
	CO/Smoke Alarm Detection	-	✓	-	-
	Glass Break Sound Detection	-	-	-	-
	Fall Detection	-	-	-	-
Others					
Dimension (L x W x H)		60 x 60 x 104.4 mm	66.7 x 65.7 x 111.4 mm	77 x 77 x 121 mm	77 x 77 x 121 mm
Operating Temperature		0~40°C	0~40°C	0~40°C	0~40°C
Operating Humidity		Max. 90% non-condensing	Max. 90% non-condensing	Max. 90% non-condensing	Max. 90% non-condensing

Product Name		2K Pan and Tilt Wi-Fi Camera	2K QHD Pan and Tilt Wi-Fi Camera	2K QHD Pan and Tilt Wi-Fi Camera	2K QHD Outdoor Wi-Fi Camera
Model Name		DCS-6501LH / B1	DCS-8526LH	CP-01M	DCS-8620LH
Product Image					
Key Components					
Sensor	Progressive Scan CMOS Sensor	1/2.7"	1/3"	1/3"	1/3"
Flash		16MB	128MB	128MB	128MB
RAM		64MB	128MB	128MB	256MB
Lens	Fixed lens	✓	✓	✓	✓
	F (Aperture)	2.4	1.6	1.6	1.6
	f (focal length)	3.6mm	3.18mm	3.18mm	2.97mm
Mobile APP		mydlink App	mydlink App	AQUILA PRO AI	mydlink App
Key Features					
Max. Resloution		2K/1296P (2304x1296)	4M/1440P (2560x1440)	4M/1440P (2560x1440)	4M/1440P (2560x1440)
View Angle	D	107°	122°	122°	127°
	H	89°	102.5°	102.5°	108°
	V	48°	55.2°	55.2°	58°
Support ONVIF Profile		-	S/T	-	S/T
Compression		H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Day-n-night		✓	✓	✓	✓
Distance for IR		8M	7M	7M	7M
MIC		✓	✓	✓	✓
Speaker		✓	✓	✓	✓
2-Way audio	Half-duplex	✓	✓	✓	✓
MicroSD		✓	✓	✓	✓
Wi-Fi	11n 1 x 1	✓	-	-	-
	11n 2 x 2	-	-	-	-
	11ac 1 x 1	-	✓	✓	-
	11ac 2 x 2	-	-	-	✓
PT		✓ Pan range: -175° to 180° (total 340°) Tilt range: -90° to 90° (total 180°)	✓ Pan range: -170° to 170° (total 340°) Tilt range: -10° to 90° (total 100°)	✓ Pan range: -170° to 170° (total 340°) Tilt range: -40° to 50° (total 90°)	✓ Pan range: -170° to 170° (total 340°) Tilt range: -40° to 50° (total 90°)
BLE (Bluetooth Low Energy)		✓	✓	✓	✓
Ethernet		-	✓	✓	-
IP65		-	-	-	✓
Motion Detection		✓	✓	✓	✓
Sound Detection		✓	✓	✓	✓
Siren		-	-	-	-
IVA/AI	Auto Tracking	✓	✓	✓	-
	Panorama View	✓	✓	✓	-
	Person Detection	✓	✓	✓	✓
	Vehicle Detection	-	-	-	✓
	CO/Smoke Alarm Detection	-	✓	-	-
	Glass Break Sound Detection	-	-	-	✓
	Fall Detection	-	-	✓	-
Others					
Dimension (L x W x H)		85.96 x 85.96 x 114.3 mm	114.12 x 77.89 x 77.70 mm	114.12 x 77.89 x 77.70 mm	88.7 x 60.03 x 63 mm
Operating Temperature		0~40°C	0~40°C	0~40°C	-25 to 45°C
Operating Humidity		Max. 90% non-condensing	Max. 90% non-condensing	Max. 90% non-condensing	Max. 90% non-condensing

Product Name		Smart Plug
Model Name		PM-01M
Product Image		
Plug Type		Japan
Key Components		
RAM		276KB
Flash		4MB
Sensors	Type	Power Monitor
	Accuracy	Below 100W: ±8W Above 100W: ±5%
Wi-Fi interfaces		
Standard		IEEE 802.11 g/n
Frequency		2.4GHZ
Encryption	WEP	✓
	WPA	✓
	WPA2	✓
	WPA3	✓
Other Connectivity		
BLE (Bluetooth Low Energy)		5.0
Ports		
LED		Power/Status LED x1 (Red/Green)
Button	Reset	✓
	WPS	N/A
Electrical Characteristic		
Power Port		socket type A
Power Input		100V/15A
Input Frequency		50/60 HZ
Max Load		1500W
Power Consumption		< 1W
Others		
Dimension (L x W x H)		69.8 x 38.1 x 35.15 mm
Operating Temperature		0~40°C
Operating Humidity		10% to 90%

FTTX Solution

FTTx include nearly unlimited bandwidth potential, higher speeds, reliability, scalability to support rising demands, and lower latency than traditional cable or xDSL networks. Overall, it provides a future-proof solution for meeting high-speed internet access needs.

FTTx refers to some endpoint like home, building, neighborhood, etc. It's a type of broadband network architecture that uses optical fiber cables to provide high-speed internet access all the way to the endpoint.

Key Features



Nearly Unlimited Bandwidth Potential

Optical fiber offers tremendous data capacity, far more than copper cable. Fiber speed and bandwidth can continue scaling up to meet future needs.



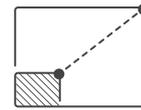
High Speeds

FTTx allows delivery of symmetric speeds up to 10Gbps. This enables advanced internet applications and services.



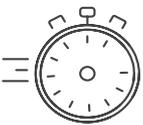
Reliability

Optical fiber cables are less susceptible to electromagnetic interference and environmental factors than copper. FTTx provides very reliable data transmission.



Scalability

Fiber infrastructure can be easily upgraded to higher capacities by upgrading active electronics on the ends. This makes it very future-proof as demands increase.



Lower Latency

Signals travel faster over optical fiber than copper cable, enabling lower latency and lag times for time-sensitive applications.



Security

Optical fiber is harder to tap into without detection than copper. This makes FTTx access networks more secure.

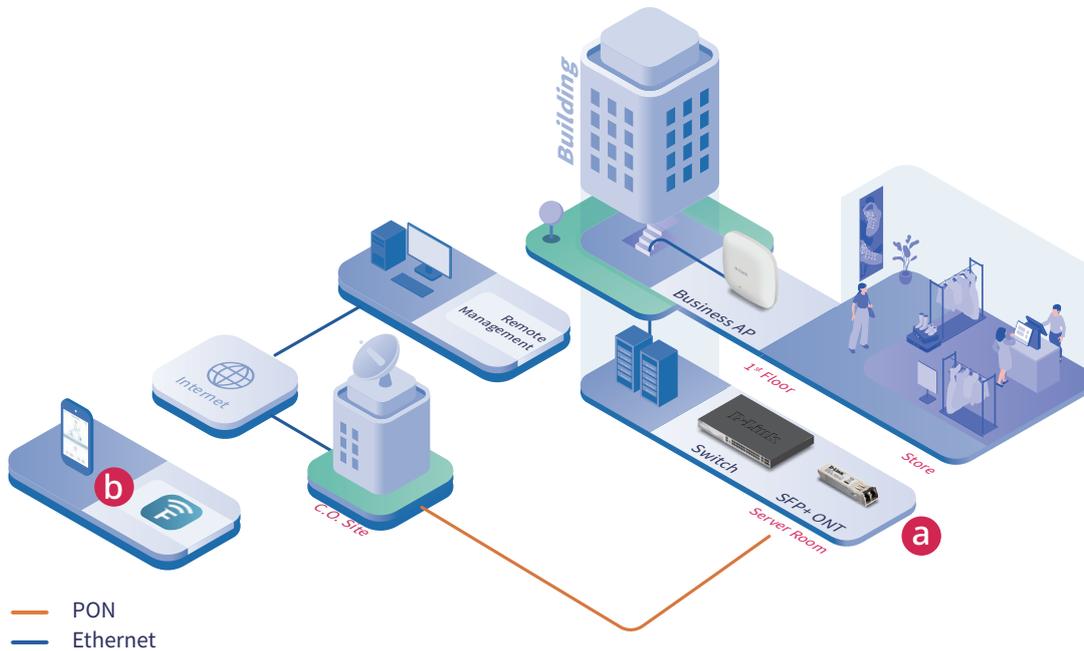


Consistency

FTTx provides consistent, high-capacity connectivity to the endpoint location that is less impacted by distance limitations.

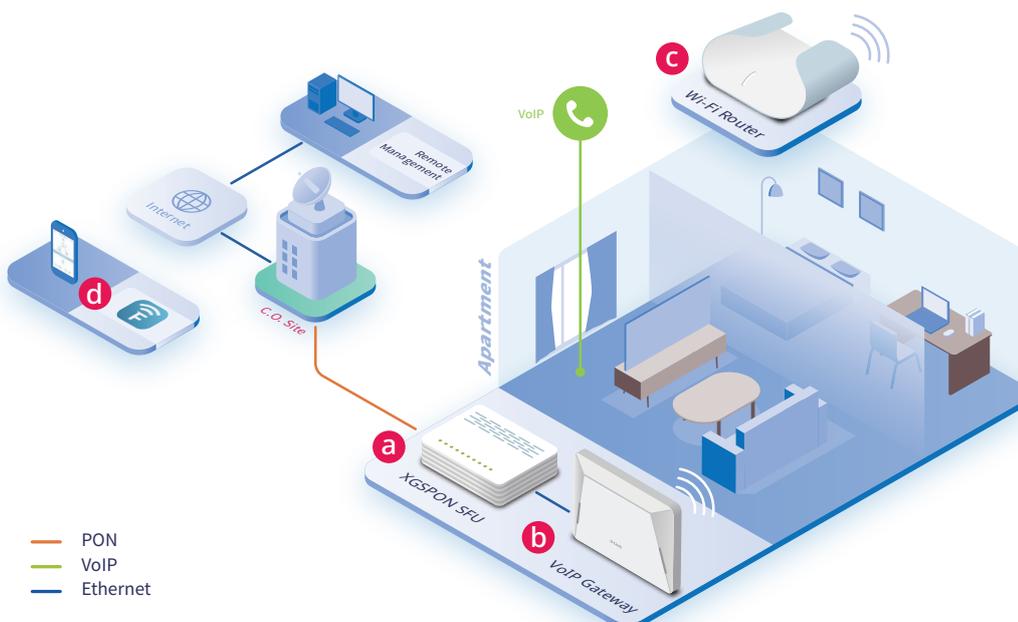
Application Scenarios

XGSPON SFP+ ONT SOLUTION



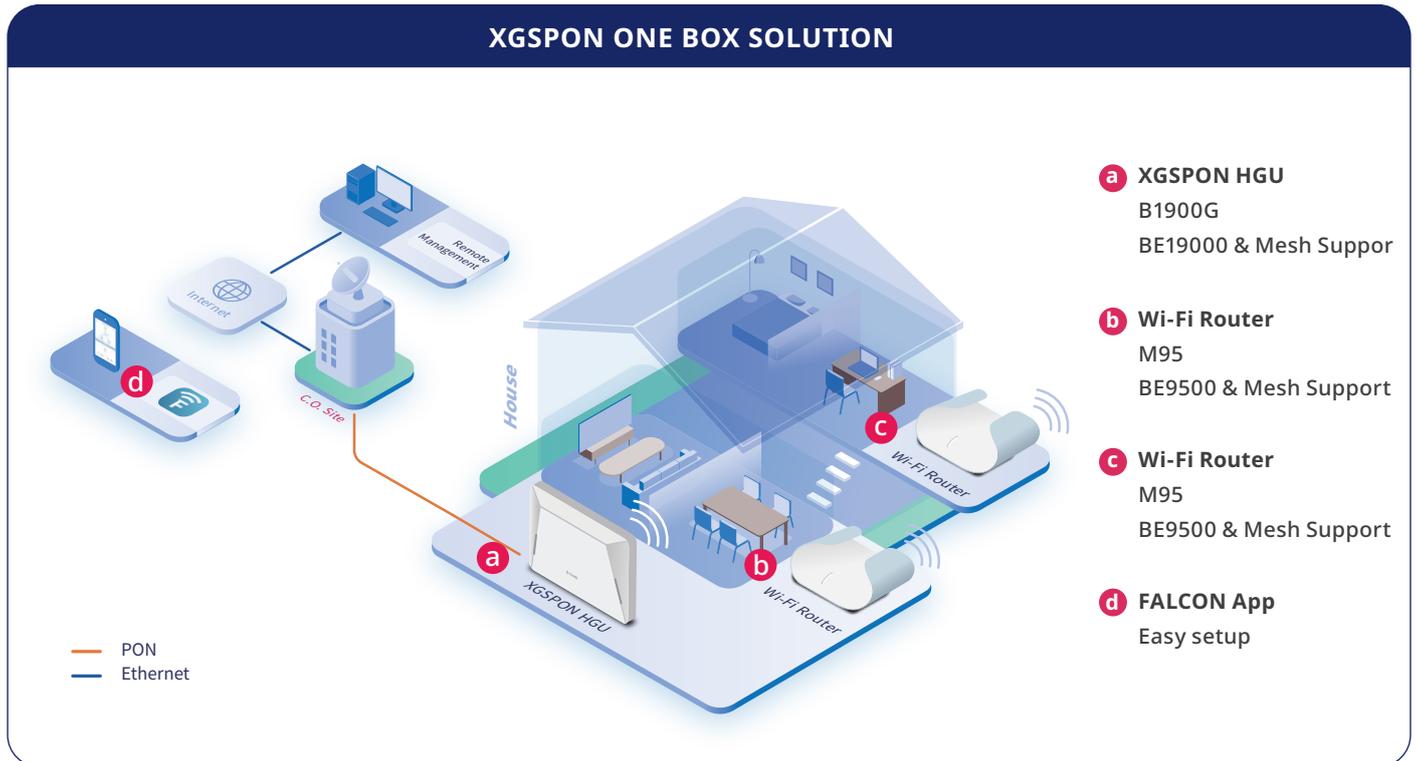
- a** XGSPON SFP+ ONT
DXN-01
Support 10G PON
- b** FALCON App
Easy setup

XGSPON TWO BOX SOLUTION

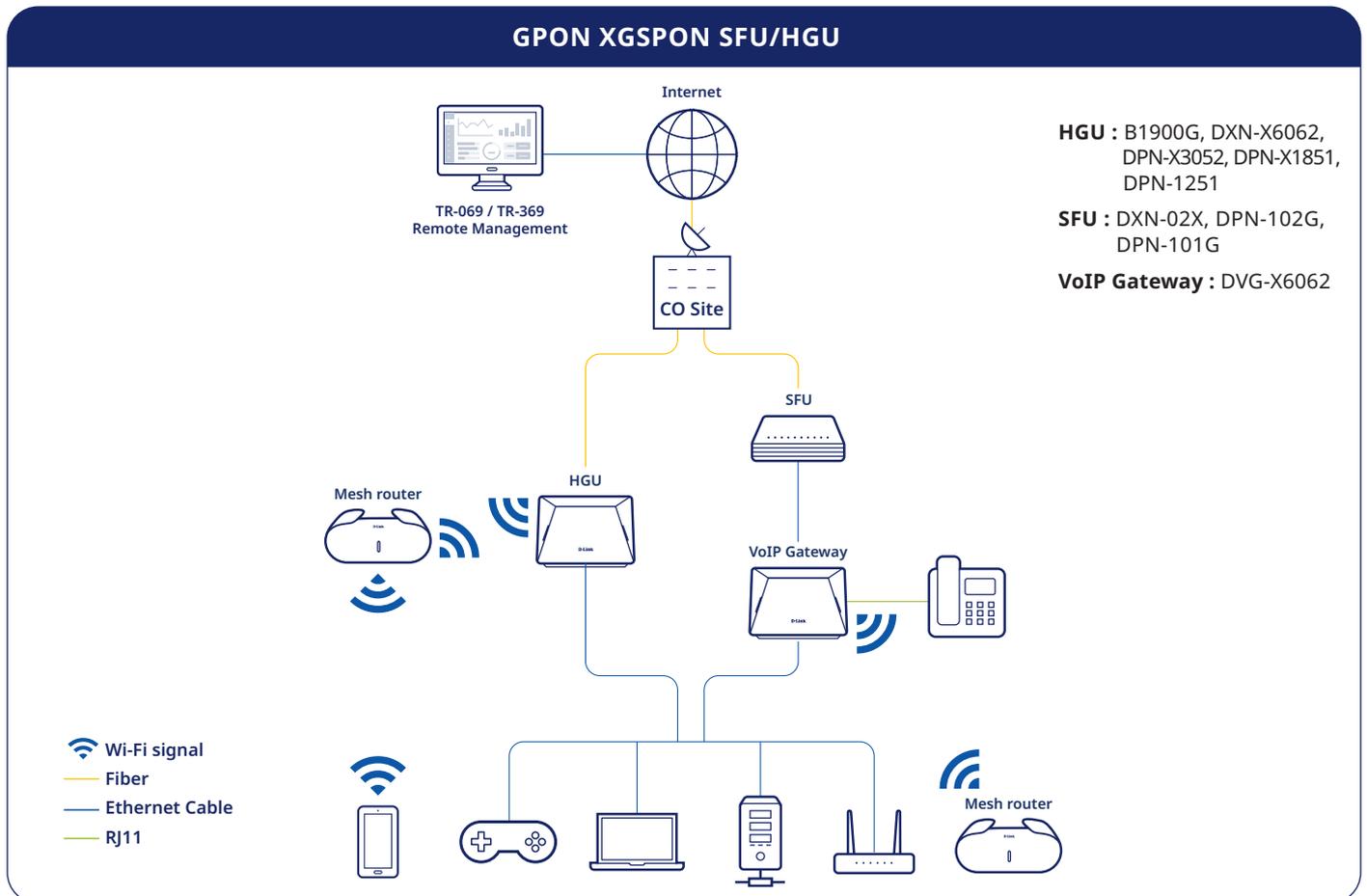


- a** XGSPON SFU
DXN-02X
Support 10G LAN
- b** VoIP Gateway
DVG-X6062
AX6000 & Mesh Support
- c** Wi-Fi Router
M30
AX3000 & Mesh Support
- d** FALCON App
Easy setup

Application Scenarios



Connection Diagrams



Device Catalogue

Product Name	GPON SFP	XGSPON SFP+	GPON SFU	GPON SFU
Model Name	DPN-100 C2	DXN-01	DPN-101G	DPN-102G
Product Image				
Hardware				
xPON Port	SC/APC	SC/UPC	SC/APC	SC/APC
Wi-Fi Speed	N/A	N/A	N/A	N/A
Antenna Type	N/A	N/A	N/A	N/A
Mesh	N/A	N/A	N/A	N/A
WAN	N/A	N/A	GPON × 1	GPON × 1
LAN	N/A	N/A	GE LAN × 1	2.5GE LAN × 1
USB	N/A	N/A	-	-
VoIP	N/A	N/A	-	-
WPS Button	N/A	N/A	N/A	N/A
Power Button	N/A	N/A	1	1
Power Supply	-	-	12V/0.5A	12V/0.5A
Software Feature				
Bridge Mode	✓	✓	✓	✓
VLAN	✓	✓	✓	✓
DHCP	✓	✓	✓	✓
PPPoE	✓	✓	✓	✓
Static IP	✓	✓	✓	✓
IPv6	-	-	✓	✓
Port Forwarding	-	-	-	-
DMZ	-	-	-	-
NAT Loopback	-	-	-	-
L2TP	-	-	-	-
PPTP	-	-	-	-
Firewall	-	-	-	-
PPTP Pass-through	-	-	-	-
IPSec Pass-through	-	-	-	-
IGMP Proxy	-	-	-	-
IGMP Snooping	-	-	-	-
UPnP	-	-	-	-
Dual Image	-	-	✓	✓
TR-069	-	-	✓	✓
TR-369	-	-	✓	✓
TR-104	-	-	-	-
CLI	✓	✓	✓	✓
Web GUI	-	-	✓	✓
Mobile APP	-	-	-	-

Product Name	XGSPON SFU	AX3000 HGU	AX6000 HGU	BE19000 HGU
Model Name	DXN-02X	DPN-X3052	DXN-X6062	B1900G
Product Image				
Hardware				
xPON Port	SC/APC	SC/APC	SC/APC	SC/APC
Wi-Fi Speed	N/A	11ax 2.4GHz : 2 × 2 (600Mbps) 11ax 5GHz : 2 × 2 (2400Mbps)	11ax 2.4GHz : 4 × 4 (1200Mbps) 11ax 5GHz : 4 × 4 (4800Mbps)	11be 2.4GHz : 4 × 4 (1440Mbps) 11be 5GHz : 4 × 4 (5760Mbps) 11be 6GHz : 4 × 4 (11520Mbps)
Antenna Type	N/A	2 × 2.4GHz external antenna 2 × 5GHz external antenna	4 × internal dualband antenna	4 × internal dualband antenna 4 × 6GHz internal antenna
Mesh	N/A	✓	✓	✓
WAN	XGSPON × 1	GPON × 1	XGSPON × 1	XGSPON × 1
LAN	10GE LAN × 1 + GE LAN	GE LAN × 4	GE LAN × 4 + 10GE LAN × 1	GE LAN × 4 + 10GE WAN/LAN × 1
USB	–	USB2.0 × 1	USB 3.0 × 1	USB 3.0 × 1
VoIP	–	FXS × 2	FXS × 2	FXS × 2
WPS Button	N/A	1	1	1
Power Button	1	1	1	1
Power Supply	12V/1A	12V/2A	12V/3A	12V/5A
Software Feature				
Bridge Mode	✓	✓	✓	✓
VLAN	✓	✓	✓	✓
DHCP	✓	✓	✓	✓
PPPoE	✓	✓	✓	✓
Static IP	✓	✓	✓	✓
IPv6	✓	✓	✓	✓
Port Forwarding	–	✓	✓	✓
DMZ	–	✓	✓	✓
NAT Loopback	–	✓	✓	✓
L2TP	–	✓	✓	✓
PPTP	–	✓	✓	✓
Firewall	–	✓	✓	✓
PPTP Pass-through	–	✓	✓	✓
IPSec Pass-through	–	✓	✓	✓
IGMP Proxy	–	✓	✓	✓
IGMP Snooping	–	✓	✓	✓
UPnP	–	✓	✓	✓
Dual Image	✓	✓	✓	✓
TR-069	✓	✓	✓	✓
TR-369	✓	✓	✓	✓
TR-104	–	✓	✓	✓
CLI	✓	✓	✓	✓
Web GUI	✓	✓	✓	✓
Mobile APP	–	✓	✓	✓

▸ SMB Gateway

The Nuclias SMB Gateway provides highly secure, multifunctional networking solutions to small and medium business users. It includes 2.5 Gigabit Ethernet ports to provide high availability for Internet connections.

Built-in Nuclias SW controller makes your network easier to manage, easier to configure, and easier to expand. It empowers your network administrators through its centralized control, configuration, and customization capabilities, while minimizing their onsite workload. A fully featured virtual private network (VPN) provides your mobile workers and branch offices with a secure link to your network.

Key Features



Built-in 5G Module



Built-in Nuclias SW controller



PoE Switches



Multi-WAN Type

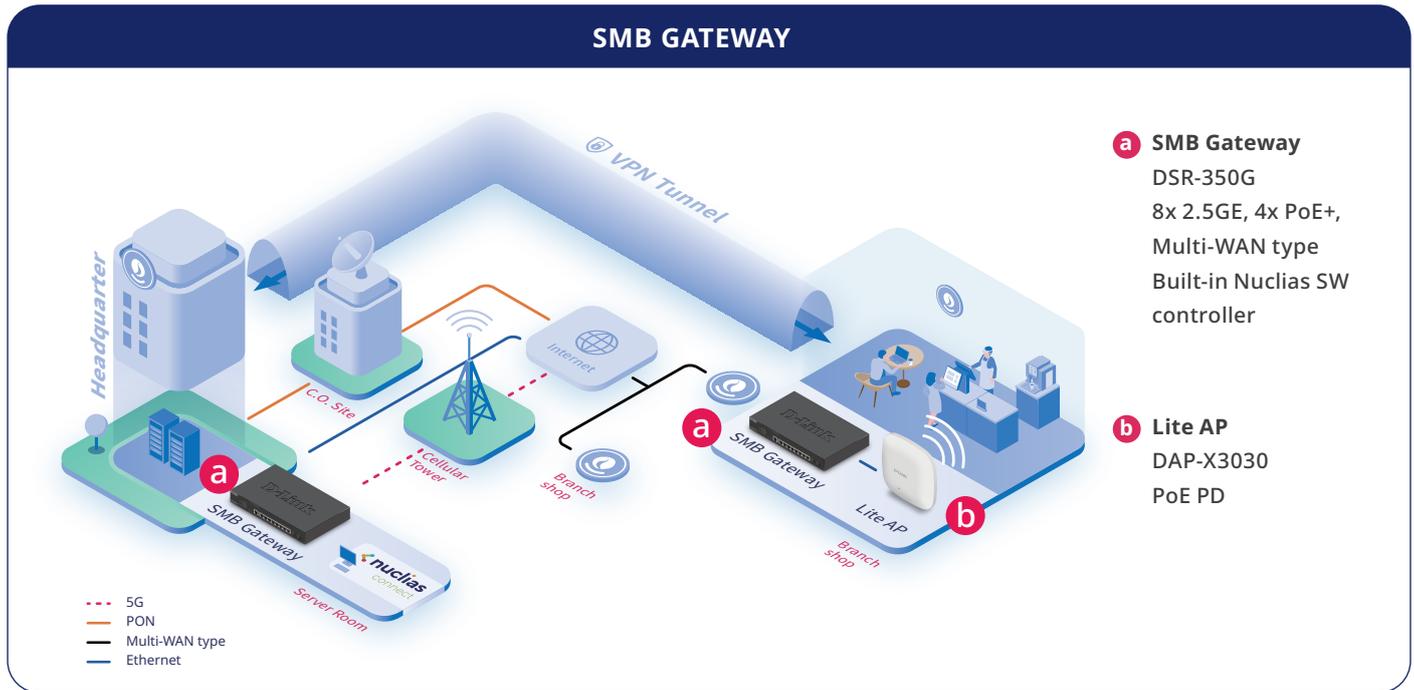


Site-to-site VPN Tunnel

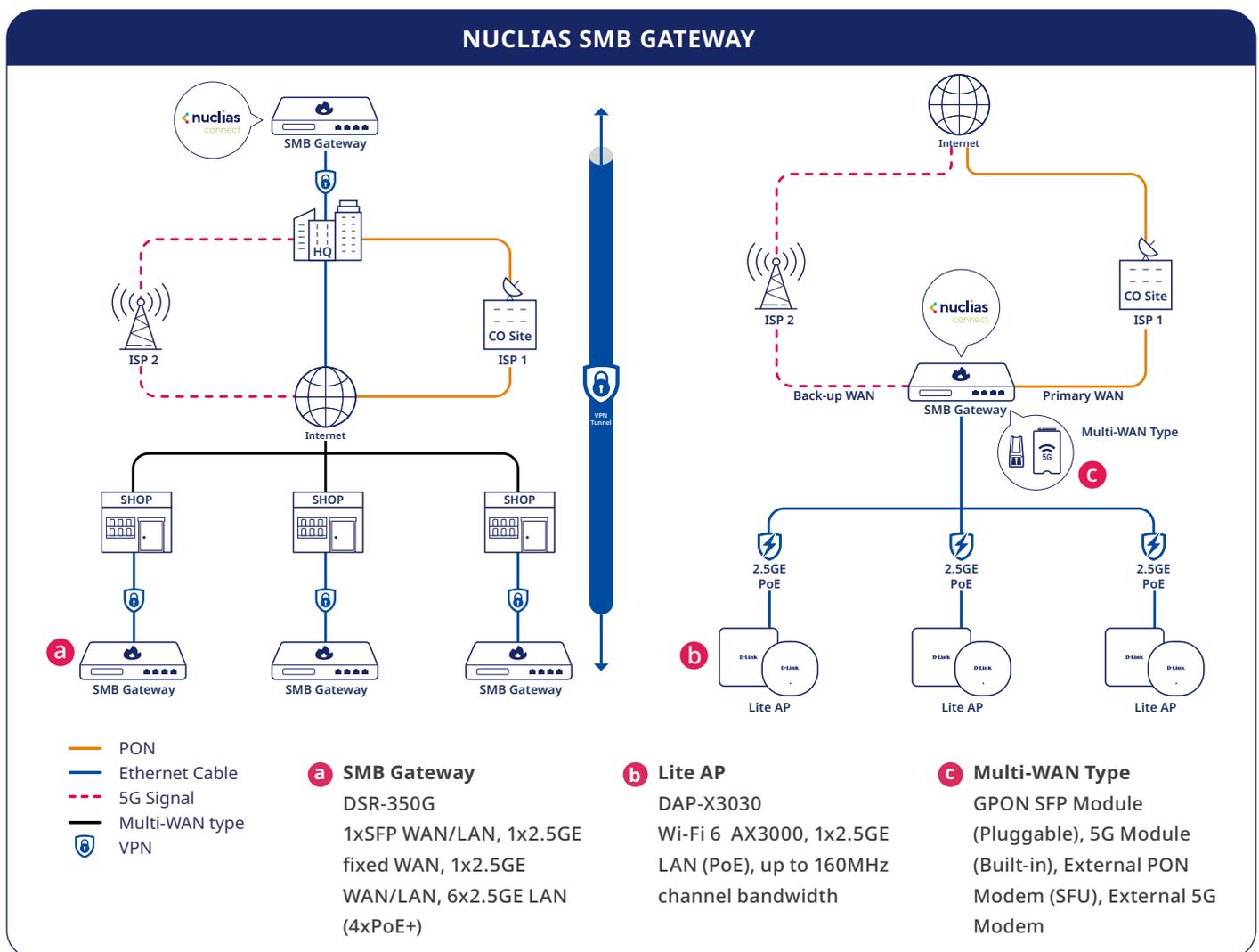


Firmware Upgrade Over The Air

Application Scenarios



Connection Diagrams



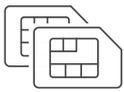
Device Catalogue

Product Name	VPN Router	Nuclias SMB Gateway	Nuclias+5G SMB Gateway
Model Name	DSR-250V2	DSR-350	DSR-350G
Product Image			
Hardware			
WAN	1 x GbE	1 x 2.5GbE	1 x 2.5GbE
LAN	4 x GbE	6 x 2.5GbE 1 x 2.5GbE configurable port	6 x 2.5GbE 1 x 2.5GbE configurable port
SFP	-	1 SFP cage (Support 2.5GPON SFP module)	1 SFP cage (Support 2.5GPON SFP module)
Cellular	-	-	✓ (5G NR)
PoE Source Port	-	✓ (Port 1-4)	✓ (Port 1-4)
PoE Standard	-	802.3af/802.3at	802.3af/802.3at
USB Port	1 x USB 3.0	-	-
Serial Console (RS-232/RJ-45)	✓	✓	✓
Firewall Throughput	950Mbps	2Gbps	2Gbps
IPSec VPN Throughput	200Mbps	400Mbps	400Mbps
Concurrent Session	50,000	65,535	65,535
Static/Dynamic IP	✓	✓	✓
Static Route	✓	✓	✓
Dynamic Route	✓	✓	✓
DHCP Server/Client	1024 clients	1024 clients	1024 clients
DHCP Relay	✓	✓	✓
IEEE 802.11q VLAN	✓	✓	✓
Number of VLANs	16	16	16
IP Multicast	IGMP Proxy, IGMP Snooping	IGMP Proxy, IGMP Snooping	IGMP Proxy, IGMP Snooping
IPv6	✓	✓	✓
Route Failover	✓	✓	✓
VPN Tunnel	75	75	75
IPsec Tunnel	50	50	50
PPTP/L2TP Tunnel	30	30	30
GRE	20	20	20
OpenVPN Tunnel	20	20	20
SSL Encryption	✓	✓	✓
Priority Bandwidth Control	Low/Medium/High	Low/Medium/High	Low/Medium/High
Web-based User Interface	✓	✓	✓
Web Content Filter	✓	✓	✓
Application Filter	✓	✓	✓
Command Line	✓	✓	✓
SNMP	✓	✓	✓
External Power Supply	12V/1.5A	54V/2A	54V/2A
Dimensions (L x W x H)	190 x 120 x 38 mm	280 x 120 x 45 mm	280 x 120 x 45 mm
Operation Temperature	0 to 40 °C (32 to 104 °F)	0 to 40 °C (32 to 104 °F)	0 to 40 °C (32 to 104 °F)
Storage Temperature	20 to 70 °C (-4 to 158 °F)	20 to 70 °C (-4 to 158 °F)	20 to 70 °C (-4 to 158 °F)
Operation Humidity	5% to 95% non-condensing	5% to 95% non-condensing	5% to 95% non-condensing
MTBF	1,230,157.85 hours	1,230,157.85 hours	1,230,157.85 hours

4G/5G M2M Solution

The D-Link industrial mobile product is overall solution including data networking, IIoT connection and Vehicle telematic, DWM series provide a stable and secured connectivity for smart business application, DOM series provide various connection interfaces to work with IOT devices for smart industry application, DTM series provide real-time location tracking and EN50155 certification compliant for smart vehicle application.

Key Features



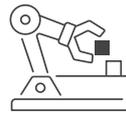
Multi-SIM Design

Zero downtime with multi-SIM design



Redundant WAN Connectivity

4G/5G and Ethernet dual-WAN for load balance or failover purpose



Industrial Grade Design

Zinc-plated steel casing for extra protection



Wi-Fi Connectivity

Wi-Fi connection for multiple wireless clients



IT/OT Integration

Make traditional serial-based fieldbus wirelessly



GPS Tracking

Central location tracking management

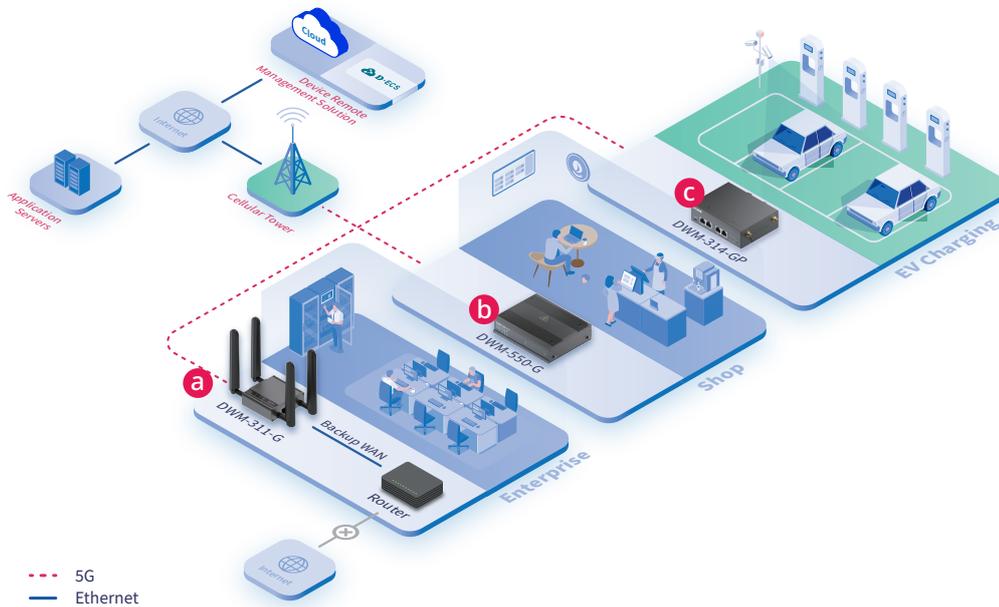


Remote Management

Network management platform for massive IoT implementation

Application Scenarios

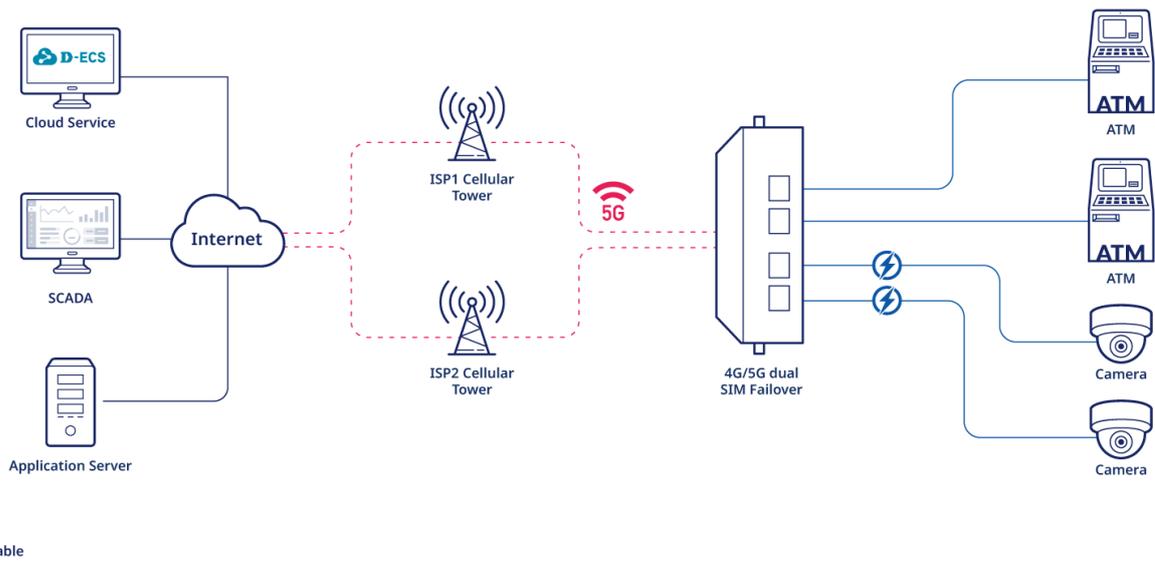
SMART BUSINESS



- a** Provide 5G as a backup WAN connectivity for enterprise to avoid the down time when the primary WAN is failed.
- b** Provide a 5G connectivity for POS and Digital Signage and also Wi-Fi hotspot service in the field.
- c** Provide a 5G connectivity to communicate with the back-end servers and PoE power to monitor camera for EV charging stations.

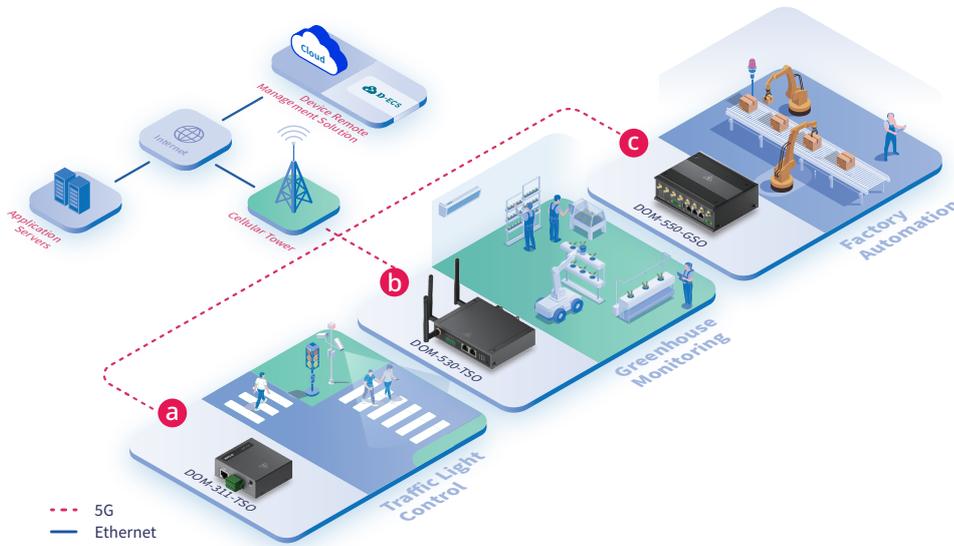
Connection Diagrams

SMART BUSINESS



Application Scenarios

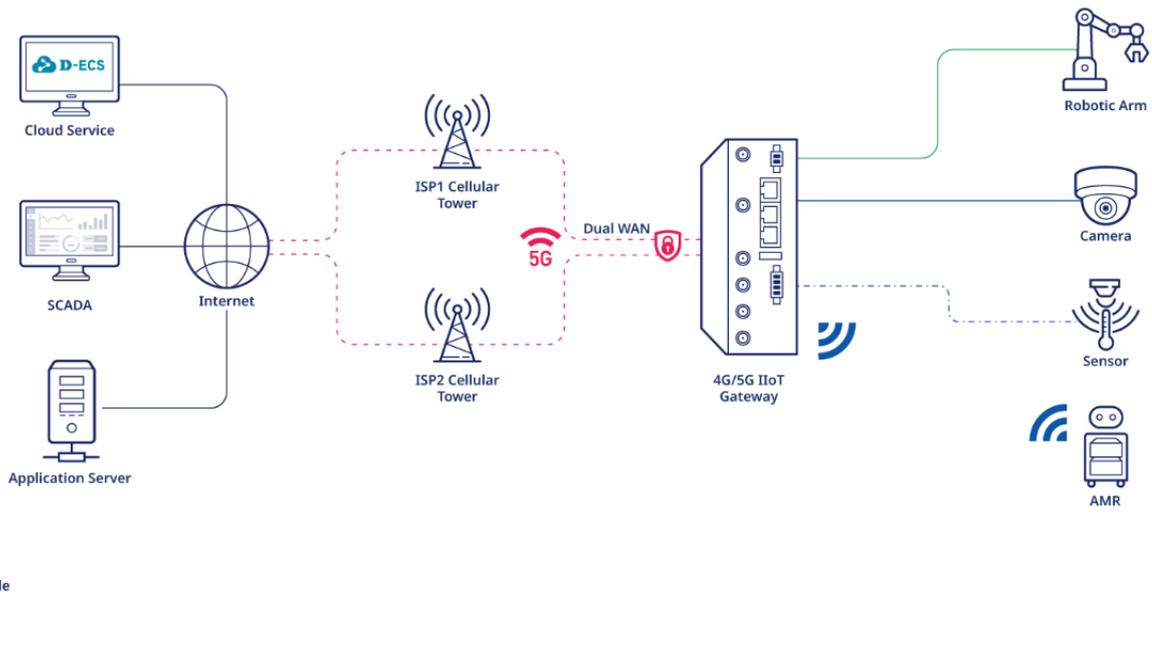
SMART INDUSTRY



- a** Provide a 5G connectivity for traffic light controller and transmit surveillance video in real time.
- b** Integrate sensors, light controller, fans, and watering system for a greenhouse and can be monitored remotely via a 5G connectivity.
- c** Transmit data from PLC to SCADA server via the 5G connectivity to maximize the efficiency by IT/OT integration.

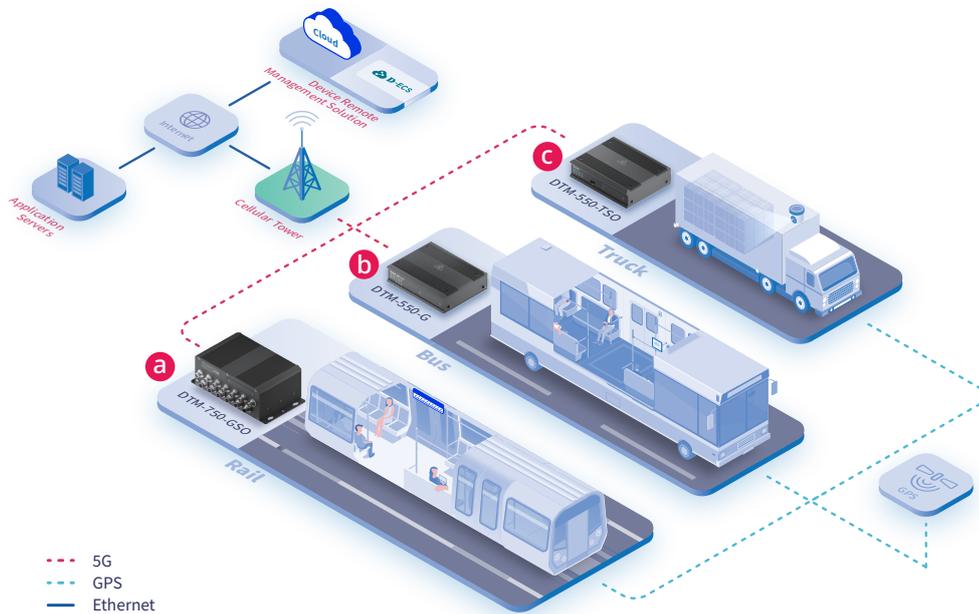
Connection Diagrams

SMART INDUSTRY



Application Scenarios

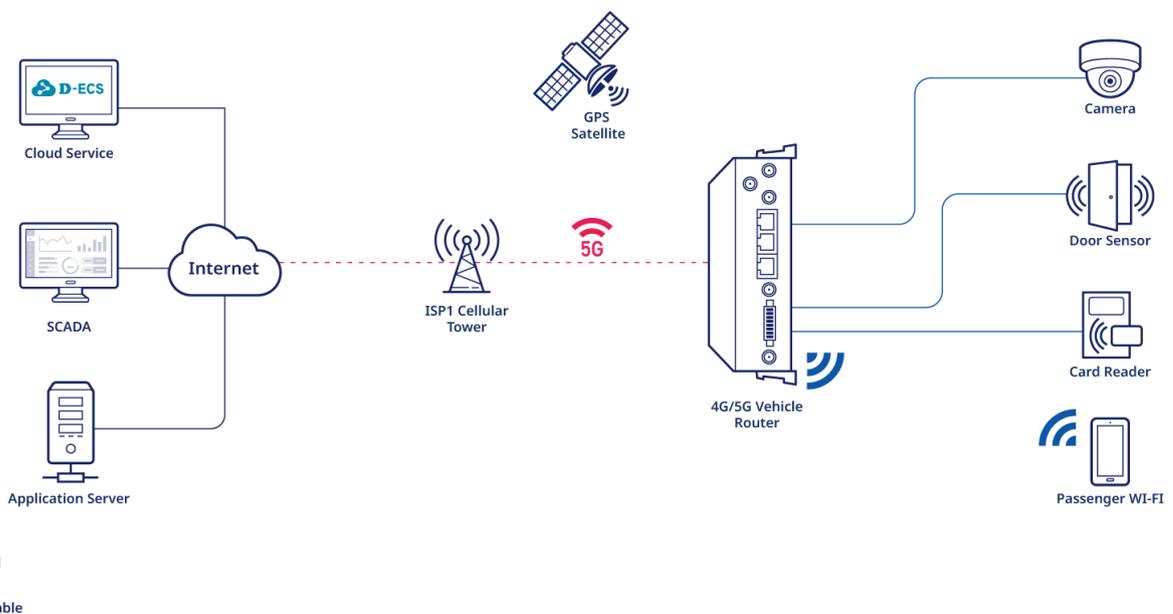
SMART VEHICLE



- a** EN50155 approved 5G gateway to provide a backhaul connectivity for all the electronic devices on a train.
- b** A comprehensive 5G router to offer passenger Wi-Fi service and connect ticketing or signage system on a bus.
- c** A telematics gateway for fleet management by reporting the real-time location and work with tablets or other I/O devices.

Connection Diagrams

SMART VEHICLE



Device Catalogue

Model Name	DWM-311	DWM-311-G	DWM-313	DWM-314-T
Product Image				
Hardware				
Cellular Module	4G LTE Cat. 4	5G NR	4G LTE Cat. 4	4G LTE Cat. 4
Ethernet Interface	1 x GE	1 x 2.5GE	1 x WAN/LAN GE, 1 x LAN GE	4 x FE
SIM Slot	1	1	Dual SIM	1
microSD Card Slot	-	-	1	-
SMA Antenna	2 x detachable antennas	4 x detachable antennas	2 x detachable antennas	2 x detachable antennas
Communication Bus	-	-	-	-
Digital I/O	-	-	-	-
Analog I/O	-	-	-	-
GNSS	-	-	-	-
USB	1 x Micro-USB port (power input)	1 x USB type-C port for power (5V) input	USB port for RS-232	-
Performance				
Maximum Cellular Data Throughput	LTE: 150 Mbps (DL) / 50 Mbps (UL)	<ul style="list-style-type: none"> 5G NSA : 3.4 Gbps (DL) / 550 Mbps (UL) 5G SA: 2.4 Gbps (DL) / 900 Mbps (UL) LTE: 1.6 Gbps (DL) / 200 Mbps (UL) 	LTE: 150 Mbps (DL) / 50 Mbps (UL)	LTE: 150 Mbps (DL) / 50 Mbps (UL)
Wi-Fi				
Standard	-	-	802.11b/g/n	802.11b/g/n/ac
2.4GHz Data Rate	-	-	150Mbps	150Mbps
5GHz Data Rate	-	-	-	433Mbps
Wi-Fi Antenna	-	-	1 x detachable Wi-Fi antenna	2 x detachable Wi-Fi antenna
Mode	-	-	AP Router, WDS, WDS Hybrid Modes	AP Router
Security	-	-	WEP/WPA/WPA2	WEP/WPA/WPA2
Multiple SSID	-	-	V	-
Captive Portal	-	-	-	-
Radius Server	-	-	V	-
Network				
WAN	Cellular & Config	Cellular & Config	Cellular/Ethernet	Cellular & Config
Dual WAN	-	-	Failover	-
LAN	DHCP Server	DHCP Server	DHCP Server/Relay	DHCP Server
VLAN	✓	✓	✓	✓
IPv6	Cellular IPv6	Cellular IPv6	Cellular IPv6, IPv4/v6 dual stack	Cellular IPv6
Static Route	-	-	✓	✓
Dynamic Route	-	-	RIP1/RIP2, OSPF, BGP	-
QoS	-	-	✓	-
Security				
SPI Firewall	✓	✓	✓	✓
Network Address Translation (NAT)	✓	✓	✓	✓
Bridge Mode	-	✓	-	✓
Port Forwarding	✓	✓	✓	✓
IPS	-	-	-	✓
MAC/URL Filter	-	-	✓	✓
VPN				
IPsec	-	-	✓	-
PPTP	-	-	✓	-
L2TP	-	-	✓	-
OpenVPN	1 Tunnel	1 Tunnel	✓	✓
WireGuard	-	-	-	✓
GRE	-	-	✓	-
VPN Pass-through	-	-	✓	-
Service				
Cellular Toolkit	SMS	SMS	Data Usage, SMS, SIM PIN	SMS
Administration				
Management	Web UI	Web UI	Web UI	Web UI/SSH
SNMP	-	-	✓	-
Syslog	-	-	✓	-
D-ECS	✓	✓	✓	✓
Environment				
Power Input	5V/2A via Micro USB	DC 5V/2A Power Adapter to USB type C	5V/2A adapter	2-pin TB for DC 9V-36V
Operating Temperature	-30 to 70 °C	-30 to 70 °C	-30 to 70 °C	-30 to 70 °C

Device Catalogue

Model Name	DWM-314-TP	DWM-314-G	DWM-314-GP	DWM-530-T	DWM-550-G
Product Image					
Hardware					
Cellular Module	4G LTE Cat. 4	5G NR	5G NR	4G LTE Cat. 4	5G NR
Ethernet Interface	2 x FE, 2 x FE 802.3at PSE	4 x GE	2 x GE, 2 x GE 802.3at PSE	1 x WAN/LAN FE, 3 x LAN FE	4 x GE
SIM Slot	1	Dual SIM	Dual SIM	Dual SIM	Dual SIM
microSD Card Slot	-	-	-	1	-
SMA Antenna	2 x detachable antennas	4 x detachable antenna	4 x detachable antenna	2 x detachable antennas	4 x cellular antenna
Communication Bus	-	-	-	-	-
Digital I/O	-	-	-	-	-
Analog I/O	-	-	-	-	-
GNSS	-	-	-	✓	-
USB	-	-	-	-	-
Performance					
Maximum Cellular Data Throughput	LTE: 150 Mbps (DL) / 50 Mbps (UL)	<ul style="list-style-type: none"> • 5G NSA : 3.4 Gbps (DL) / 550 Mbps (UL) • 5G SA: 2.4 Gbps (DL) / 900 Mbps (UL) • LTE: 1.6 Gbps (DL) / 200 Mbps (UL) 	<ul style="list-style-type: none"> • 5G NSA : 3.4 Gbps (DL) / 550 Mbps (UL) • 5G SA: 2.4 Gbps (DL) / 900 Mbps (UL) • LTE: 1.6 Gbps (DL) / 200 Mbps (UL) 	LTE: 150 Mbps (DL) / 50 Mbps (UL)	<ul style="list-style-type: none"> • 5G NSA : 3.4 Gbps (DL) / 550 Mbps (UL) • 5G SA: 2.4 Gbps (DL) / 900 Mbps (UL) • LTE: 1.6 Gbps (DL) / 200 Mbps (UL)
Wi-Fi					
Standard	802.11b/g/n/ac	-	-	802.11b/g/n	802.11b/g/n/ac/ax
2.4GHz Data Rate	150Mbps	-	-	300Mbps	574Mbps
5GHz Data Rate	433Mbps	-	-	-	1201Mbps
Wi-Fi Antenna	2 x detachable Wi-Fi antenna	-	-	2 x detachable Wi-Fi antenna	2 x detachable Wi-Fi antenna
Mode	AP Router	-	-	AP Router, WDS, WDS Hybrid Modes	AP Router
Security	WEP/WPA/WPA2	-	-	WEP/WPA/WPA2	WEP/WPA/WPA2/WPA3
Multiple SSID	-	-	-	✓	✓
Captive Portal	-	-	-	✓	-
Radius Server	-	-	-	✓	-
Network					
WAN	Cellular & Config	Cellular & Config	Cellular & Config	Cellular/Ethernet	Cellular/Ethernet
Dual WAN	-	-	-	Failover	Failover
LAN	DHCP Server	DHCP Server	DHCP Server	DHCP Server/Relay	DHCP Server/Relay
VLAN	✓	✓	✓	✓	✓
IPv6	Cellular IPv6	Cellular IPv6	Cellular IPv6	Cellular IPv6, IPv4v6 dual stack, Static IPv6, DHCPv6, PPPoEv6	-
Static Route	✓	✓	✓	✓	✓
Dynamic Route	-	-	-	RIP1/RIP2, OSPF, BGP	RIP1/RIP2, OSPF
QoS	-	-	-	✓	-
Security					
SPI Firewall	✓	✓	✓	✓	✓
Network Address Translation (NAT)	✓	✓	✓	✓	✓
Bridge Mode	✓	✓	✓	-	-
Port Forwarding	✓	✓	✓	✓	✓
IPS	✓	✓	✓	✓	✓
MAC/URL Filter	✓	✓	✓	✓	✓
VPN					
IPsec	-	-	-	✓	✓
PPTP	-	-	-	✓	✓
L2TP	-	-	-	✓	✓
OpenVPN	✓	✓	✓	-	✓
WireGuard	✓	✓	✓	-	✓
GRE	-	-	-	-	✓
VPN Pass-through	-	-	-	✓	✓
Service					
Cellular Toolkit	SMS	SMS	SMS	Data Usage, SMS, SIM PIN, USSD, Network Scan	Data Usage, SIM PIN
Administration					
Management	Web UI/SSH	Web UI/SSH	Web UI/SSH	Web UI/SSH/TR-069	Web UI/SSH/TR-069
SNMP	-	-	-	✓	✓
Syslog	-	-	-	✓	-
D-ECS	✓	✓	✓	✓	✓
Environment					
Power Input	2-pin TB for DC 50V-57V	2-pin TB for DC 9V-36V	2-pin TB for DC 50V-57V	2-pin TB for DC 9V-36V	2-pin TB for DC 9V-36V
Operating Temperature	-30 to 70 °C	-30 to 70 °C	-30 to 70 °C	-30 to 70 °C	-30 to 70 °C

Model Name	DOM-311-TSO	DOM-530-TSO	DOM-550-GSO	DTM-550-TSO	DTM-550-G
Product Image					
Hardware					
Cellular Module	4G LTE Cat. 4	4G LTE Cat. 4	5G NR	4G LTE Cat. 4	5G NR
Ethernet Interface	1 x GE	2 x GE	1 x WAN/LAN GE, 2 x LAN GE	1 x WAN/LAN GE, 2 x LAN GE	1 x WAN/LAN GE, 3 x LAN GE
SIM Slot	1	Dual SIM	Dual SIM	Dual SIM	Dual SIM
microSD Card Slot	-	1	1	-	-
5G or 4G Antenna	2 x detachable antennas	2 x detachable antennas	4 x detachable antennas	2 x detachable antennas	4 x detachable antennas
GPS Antenna	-	1 x detachable antennas	-	1 x detachable antennas	1 x detachable antennas
Wi-Fi Antenna	-	-	2 x detachable antennas	2 x detachable antennas	2 x detachable antennas
Field Bus	1 x RS-232/485 (Terminal Block)	2 x RS-232/485 (Terminal Block)	1 x RS-232/485 (Terminal Block)	1 x RS-232 (Terminal Block)	-
Digital I/O	3 x DI, 2 x DO	1 x DI, 1 x DO	2 x DI, 2 x DO	2 x DI, 1 x DO	-
Analog I/O	-	-	2 x AI	-	-
Power Control Interface	-	-	-	IGN (Ignition Sense) Power Control function	IGN (Ignition Sense) Power Control function
GNSS	-	1	-	1	1
USB	-	1	1	1	-
Performance					
Maximum Cellular Data Throughput	LTE: 150 Mbps (DL) / 50 Mbps (UL)	LTE: 150 Mbps (DL) / 50 Mbps (UL)	• 5G NSA: 3.4 Gbps (DL) / 550 Mbps (UL) • 5G SA: 2.4 Gbps (DL) / 900 Mbps (UL) • LTE: 1.6 Gbps (DL) / 200 Mbps (UL)	LTE: 150 Mbps (DL) / 50 Mbps (UL)	• 5G NSA: 3.4 Gbps (DL) / 550 Mbps (UL) • 5G SA: 2.4 Gbps (DL) / 900 Mbps (UL) • LTE: 1.6 Gbps (DL) / 200 Mbps (UL)
Wi-Fi					
Standard	-	-	802.11 b/g/n/ac	802.11 b/g/n/ac	IEEE 802.11 ax/ac/n/g/b/a/h
2.4GHz Data Rate	-	-	300Mbps	300Mbps	600Mbps
5GHz Data Rate	-	-	866Mbps	866Mbps	1200Mbps
Mode	-	-	AP Router, WDS, WDS Hybrid Modes	AP Router, WDS, WDS Hybrid Modes	AP Router
Security	-	-	WEP, WPA,WPA2, WPA3, WPA-PSK, WPA2-PSK, 802.1x	WEP, WPA,WPA2, WPA-PSK, WPA2-PSK, 802.1x	WPA2-PSK (AES),WPA/WPA2-PSK(T-KIP/AES),WPA2/WPA3-PSK(AES/SAE),Enterprise
Multiple SSID	-	-	✓	✓	✓
Captive Portal	-	-	-	✓	-
Radius Server	-	✓	-	✓	-
Network					
WAN	Cellular	Cellular/Ether-WAN	Cellular/Ether-WAN	Cellular/Ether-WAN	Cellular/Ether-WAN
Multi-WAN Function	-	Failover	Failover/Load Balance	Failover/Load Balance	Failover/Load Balance
LAN	DHCP Server	DHCP Server/Relay	DHCP Server/Relay	DHCP Server/Relay	DHCP Server/Relay
VLAN	✓	✓	✓	Port/Tag based	Port/Tag based
IPv6	IPv4/v6 dual stack	IPv4/v6 dual stack, Static IPv6, DHCPv6, PPPoEv6	IPv4/v6 dual stack, Static IPv6, DHCPv6, PPPoEv6	IPv4/v6 dual stack	IPv4/v6 dual stack
Static Route	✓	✓	✓	✓	✓
Dynamic Route	-	RIP1/RIP2, OSPF, BGP	RIP1/RIP2, OSPF, BGP	RIP1/RIP2, OSPF, BGP	RIP1/RIP2, OSPF
QoS	-	-	✓	✓	✓
Port Forwarding	✓	✓	✓	✓	✓
Network Address Translation (NAT)	✓	✓	✓	✓	✓
Bridge Mode	✓	✓	✓	✓	✓
VPN Pass-through	-	✓	✓	✓	✓
Security					
SPI Firewall	-	✓	✓	✓	✓
IPS	-	✓	✓	✓	✓
MAC/URL Filter	✓	✓	✓	✓	✓
VPN					
IPsec	-	16	16	✓	✓
PPTP	-	✓	✓	✓	✓
L2TP	-	✓	✓	✓	✓
OpenVPN	✓	✓	✓	✓	✓
WireGuard	✓	-	-	-	✓
GRE	-	✓	✓	✓	✓
Service					
Cellular Toolkit	SMS	Data Usage, SMS, SIM PIN, USSD, Network Scan	Data Usage, SMS, SIM PIN, Network Scan	Data Usage, SMS, SIM PIN, USSD, Network Scan	Data Usage, SIM PIN
Administration					
Management	Web UI/SSH	Web UI/SSH	Web UI/SSH	Web UI/SSH	Web UI/SSH
SNMP	-	✓	✓	✓	✓
Syslog	-	✓	✓	✓	✓
D-ECS	✓	✓	✓	✓	✓
Environment					
Power Input	5-pin TB for DC 9V-36V	2-pin TB for DC 9V-36V	2-pin TB for DC 9V-36V	8-pin TB for DC 9V-36V	3-pin TB for DC 9V-36V
Operating Temperature	-30 to 70 °C	-30 to 70 °C	-30 to 70 °C	-30 to 70 °C	-30 to 70 °C
Field Com					
Virtual COM	RFC2217, TCP Client, TCP Server, UDP	RFC2217, TCP Client, TCP Server, UDP	RFC2217, TCP Client, TCP Server, UDP	-	-
Modbus	Gateway for Modbus TCP/RTU/ASCII Master/Slave Access Slave for Device Status/Information Access	Gateway for Modbus TCP/RTU/ASCII Master/Slave Access Slave for Device Status/Information Access	Gateway for Modbus TCP/RTU/ASCII Master/Slave Access Slave for Device Status/Information Access	-	-
Data Logging	-	Sniffer, Off-line / Full-time Proxy, mixed modes	Sniffer, Off-line / Full-time Proxy, mixed modes	-	-

D-Link[®]

For more information about D-Link's latest products, please visit www.dlink.com or contact your local D-Link sales representative