



Experts in Smart Infrastructure

From the factory floor to the city centre.
Connect your environment with D-Link

Switching on connected infrastructure

It's no secret that the world is getting more connected. Every day, 2.5 quintillion bytes of data are generated, a number that is set to grow exponentially.

Having the systems in place to handle data is therefore crucial for the factory and city of tomorrow.

Whether that's connecting the existing infrastructure, so it can be **operated securely and remotely, or building a wireless network to allow access to the Internet from anywhere**, D-Link's industrial switches are the gateway to a smarter future.



Factory Automation

Unlock the productivity benefits of your automated factory

Introducing a higher level of communication between your machines and management systems will help you to get the best out of your automated factory.

With D-Link's Industrial Ethernet switches, wired and wireless internet connectivity and surveillance systems, you can benefit from one seamless network that maintains data flow from the office to the factory floor, for real-time intelligence you can use to increase productivity, communication and customer service.

**D-LINK INDUSTRIAL
ETHERNET SWITCHES**
FOR SMARTER FACTORY
AUTOMATION





DIS-100G Gigabit Unmanaged Switches

– the rugged design of the DIN-rail mounted unmanaged switches allows them to withstand vast temperature ranges, vibrations and shock, and yet they are easy to deploy with no complex setup, just plug and play.

With high bandwidth Gigabit connectivity and PoE support enabling the powering of cameras and access points, these switches form a vital part of any network infrastructure.



Wireless Access Points – With a wide range of moisture protected access points suitable for operation across high and low temperature ranges, D-Links access points support the latest wireless AC standards allowing seamless roaming between access points with wireless controllers.



DIS-200G Gigabit Smart Managed Switches – smart managed industrial switch, which can be set up in a ring formation for network redundancy. The ring allows for fast failover recovery that ensures minimal downtime. D-Link switches can withstand a wide temperature range, vibrations and shock. Certified protection against shock, freefall and vibration as well as electromagnetic interference and susceptibility.

These switches also support Auto Surveillance VLAN which automatically prioritises surveillance traffic to minimise potential disruptions or delays on video streams.



- Wireless access points
- Unmanaged switches
- Smart managed switch
- Cameras



Video Surveillance Cameras – D-Link has a comprehensive video surveillance range with solutions to operate across a wide range of temperatures and environments as they are also protected against moisture. With high resolution and high quality optics D-Link has a gigabit PoE surveillance system to suit your office or factory floor. Manage your surveillance through D-Links D-ViewCam software, a free but comprehensive surveillance system that lets you centrally manage up to 32 network cameras, while displaying real-time information.

Outdoor Wireless

An aerial photograph of a city at night, showing a complex network of streets and buildings. Overlaid on the image is a white network diagram consisting of numerous circular nodes connected by thin lines, representing a wireless network. The nodes are distributed across the city, with some larger nodes in the center and smaller ones towards the edges. The background is a dark blue and black color, with the city lights providing a warm, golden glow.

Bringing outdoor Wi-Fi to towns and cities

By building a more connected infrastructure, you can give your citizens, remote workers and visitors the outdoor wireless access they demand.

D-Link's Industrial Ethernet switches allow companies and government agencies alike the ability to provide universal outdoor wired and wireless connectivity for location-based data services and to give the mobile population the Internet access it demands.

**D-LINK INDUSTRIAL
ETHERNET SWITCHES**
FOR UNIVERSAL
OUTDOOR WIRELESS

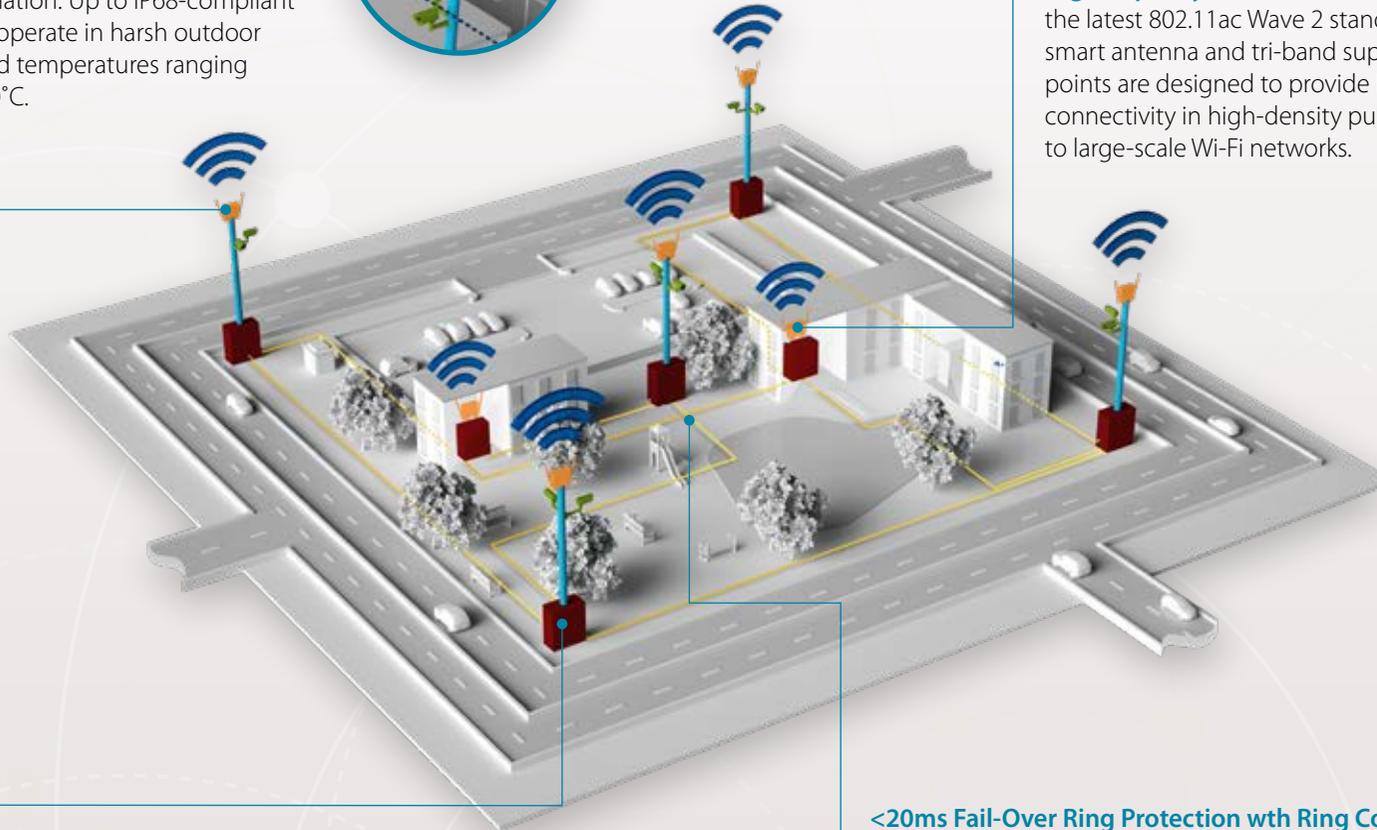


Wireless Outdoor Access Points -

weatherproof housing protects the access points from adverse weather conditions rendering them operational across a range of environments, whilst PoE power allows for convenient installation. Up to IP68-compliant and designed to operate in harsh outdoor environments and temperatures ranging from -30 up to 60°C.



High Capacity Indoor Access Points - supporting the latest 802.11ac Wave 2 standard with options for smart antenna and tri-band support, these access points are designed to provide high-speed wireless connectivity in high-density public areas for medium to large-scale Wi-Fi networks.



- Access points
- Managed switches
- Cameras
- <20ms Fail-Over Ring Protection with Ring Coupling



DIS-300G Gigabit Managed Switch - D-Links easy-to-control managed PoE Switches are able to withstand extreme temperatures and are certified for vibration, shock, free-fall, allowing the switches to be deployed in enclosures or cabinets in outdoor locations.

Easy to manage, these switches provide the security and control to guard and shape your network, with rapid ring failover recovery time of < 20ms. No moving parts mean reduced downtime and the tough housing keeps your switch running cool. It features a snap-to-DIN-rail clip, and also supports wall mounting.

<20ms Fail-Over Ring Protection wth Ring Coupling - advanced network redundancy topologies not only support single connection failure but also support node failure, to provide even higher availability and eliminating single points of failure.

Smart Cities



Smart cities start with video surveillance.

Increasing security, control and public safety in cities is a key priority. With D-Link's Industrial Ethernet solution, government agencies and companies can benefit from one seamless network that powers real-time city surveillance solutions, maintaining data flow across the city, from the very edge to your control centre.

The D-Link range of Industrial Ethernet switches, wired and wireless Internet connectivity and surveillance systems enables you to monitor and manage traffic flow and public areas, have all the data you need to minimise incidents, improve service delivery and create a more effective urban infrastructure, ultimately leading to improved visibility, protection and delivery of public services.

**D-LINK INDUSTRIAL
ETHERNET SWITCHES**
FOR SMARTER CITY
SURVEILLANCE



DIS-300G Gigabit Managed Switches

- D-Links industrial managed POE switches are easy to operate yet provide the security and controls to guard and shape your network needs.

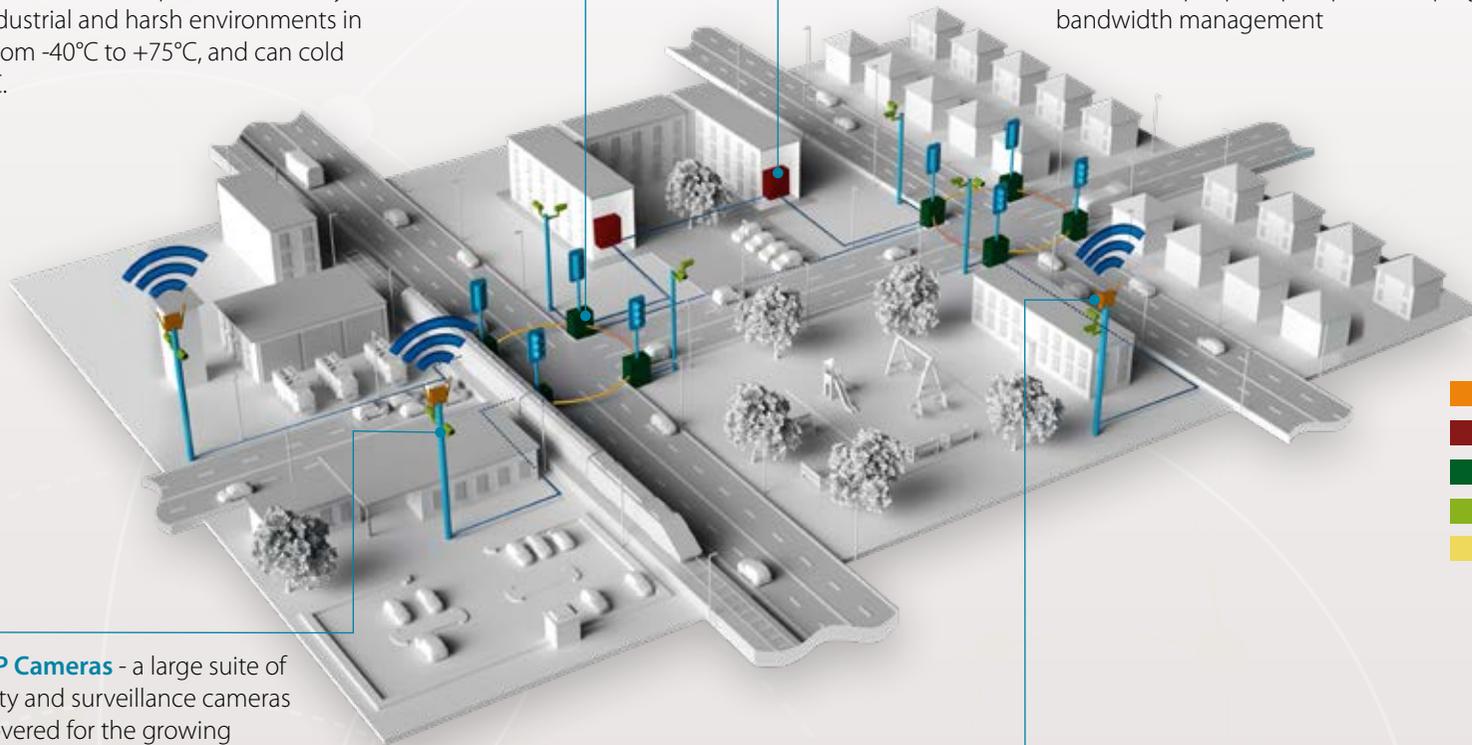
Officially certified for vibration, shock, free-fall, NEMA-TS2 Section 2, and electromagnetic compatibility these switches operate effortlessly in a range of industrial and harsh environments in temperatures from -40°C to +75°C, and can cold start from -40°C.



DIS-700G L2+ Gigabit Managed Switch

- with its hardened design combined with high availability network features, these switches form vital parts of any network infrastructure facilitating the increasing demand for smart cities, city-wide surveillance and wireless connectivity.

It offers advanced intelligent Quality of Service (QoS) features such as SPQ, WRR, SPQ+ WRR scheduling schemes with hierarchical per port, per queue shaping & scheduling with bandwidth management



- Wireless access points
- L2+ managed switches
- Managed switches
- Cameras
- <20ms Fail-Over Ring Protection with Ring Coupling



Weather and Vandal-Proof IP Cameras - a large suite of end to end professional security and surveillance cameras means D-Link will have you covered for the growing demands of modern surveillance, delivering truly superior quality video in all conditions. With high megapixel resolution and digital zoom available, you will get a high-resolution, while Wide Dynamic Range (WDR) technology ensures improved quality image in any light. The IP66 and IK10 ratings support make D-Link cameras ideal for even the most demanding of surveillance locations.



Multi-Megapixel Motorised Zoom Cameras - super high-resolution cameras with long distance night vision capability allow the cameras to capture clear images over large areas, day or night. Motorised varifocal lens not only allows the cameras to be focused remotely but also provides optical zoom, to see objects in greater distances without loss of detail.

Unmanaged Switches



Model	DIS-100E-5W	DIS-100E-8W	DIS-100G-5W	DIS-100-5SW	DIS-100G-5PSW
Number of Fast Ethernet ports	5	8			
Number of Gigabit ports			5	4	4
Number of SFP ports				1	1
PoE standards					802.3af, 802.3at
PoE power budget					120W
PoE capable ports					Ports 1-4, up to 30W
Input voltage range	12-58 VDC				54-58VDC (802.3at PoE+), 48-58VDC (802.3af PoE), 12-48 VDC (non-PoE)
Compatible power supplies	DIS-H30-24, DIS-H60-24, DIS-N240-48, DIS-N480-48				
Redundant input option	•				
Mounting option	Din-rail and wall mount				
Operating temperature range	-40° to +75°C				
Vibration, shock and freefall certification	Vibration: IEC60068-2-6, Shock: IEC60068-2-27, Free Fall: IEC60068-2-32				
Certifications	UL 60950-1, CE, FCC		UL/CE/FCC, NEMA-TS2, EN50121-4 compliant		
EMC certification	FCC Part 15, EN 61000-6-2, EN 61000-6-4, ESD: IEC61000-4-2, Radiated RF (RS): IEC61000-4-3, EFT: IEC61000-4-4, Surge: IEC61000-4-5, Conducted RF (CS): IEC61000-4-6				
Ingress protection	IP30				
MAC address		1K		2K	
L2 802.1p					•
QoS Number of queues per port					4

Hardware

L2

QoS



Model	DIS-200G-12S	DIS-200G-12PS
Hardware		
Number of Gigabit ports	10	10
Number of SFP ports	2	2
PoE standards		802.3af, 802.3at
PoE power budget		Up to 240W
PoE capable ports		Ports 1-8, up to 30 W
Input voltage range	12-48 VDC	48-54 VDC
Compatible power supplies	DIS-H30-24, DIS-H60-24, DIS-N240-48, DIS-N480-48	DIS-N240-48, DIS-N480-48
Redundant input option		•
Mounting option		Din-rail and wall mount
Operating temperature range		-40° to +65°C
Vibration, shock and freefall certification		Vibration: IEC60068-2-6; Shock: IEC60068-2-27; Free Fall: IEC60068-2-32
Certification		UL 60950-1, CE, FCC
EMC certification	FCC Part 15, EN 61000-6-2, EN 61000-6-4, ESD: IEC61000-4-2, Radiated RF (RS): IEC61000-4-3, EFT: IEC61000-4-4, Surge: IEC61000-4-5, Conducted RF (CS): IEC61000-4-6	
Surge protection		6kV on copper ports
Ingress protection		IP30
L2		
MAC address		8K
802.1D STP, 802.1w RSTP, 802.1s MSTP		•
Fast Failover Protection Rings		G.8032 ERPSv1 single ring (link loss recovery 50-200ms)
802.3ad		•
VLAN		
VLAN group (max static)		128
Port-based VLAN, GVRP		•
Auto-surveillance VLAN, Voice VLAN		•
Asymmetric VLAN		•
QOS		
802.1p		•
Number of queues per port		4
Traffic shaper		Port-based
Security		
Multicast/Broadcast/Flooding Storm Control		•
D-Link Safeguard		•
Port security		•
AAA		
Web-based access control		•
RADIUS authentication		•
Management		
SNMP (v1/v2c/v3)		•
Web-based management		•
Command line interface (CLI)		•
HTTPs, SSH		•
Syslog		•



	DIS-300G-12SW	DIS-300G-8PSW	DIS-300G-14PSW
Model	DIS-300G-12SW	DIS-300G-8PSW	DIS-300G-14PSW
Number of Gigabit ports	8	6	10
Number of SFP ports	4	2	4
PoE standards		802.3af, 802.3at	802.3af, 802.3at, 60W (port 1 and 2 only)
PoE power budget		120W	240W
PoE capable ports		Ports 1-4, up to 30W	Ports 1-2, up to 60 W Ports 3-8, up to 30 W
Input voltage range	12-58 VDC	54-58VDC (802.3at PoE+), 48-58VDC (802.3af PoE), 12-48 VDC (non-PoE)	
Compatible power supplies		DIS-H30-24, DIS-H60-24, DIS-N240-48, DIS-N480-48	
Redundant input option		•	
Mounting option		Din-rail and wall mount	
Operating temperature range		-40° to +75°C	
Vibration, shock and freefall certification		Vibration: IEC60068-2-6; Shock: IEC60068-2-27; Free Fall: IEC60068-2-32	
Certification		UL 60950-1, CE, FCC, NEMA-TS2, EN50121-4 compliant	
EMC certification		FCC Part 15, EN 61000-6-2, EN 61000-6-4, ESD: IEC61000-4-2, Radiated RF (RS): IEC61000-4-3, EFT: IEC61000-4-4, Surge: IEC61000-4-5, Conducted RF (CS): IEC61000-4-6	
Ingress protection		IP30	
PROFITNET support		Optional	
MAC address		8K	
802.1D STP, 802.1w RSTP, 802.1s MSTP		•	
Fast Failover Protection Rings (link loss recovery <20ms)		•	
802.3ad with LACP		•	
VLAN group (max static)		256	
Port / MAC / protocol-based VLAN, GVRP		•	
Port-based double VLAN		•	
Multicast protocols		IGMP v1/v2, IGMP snooping	
802.1p		•	
Number of queues per port		8	
Traffic shaper		Port-based	
Multicast/Broadcast/Flooding Storm Control		•	
IP and MAC-based access control		•	
Policy-based access control		•	
802.1X access control		•	
RADIUS/TACACS+ authentication		•	
SNMP (v1/v2c/v3), RMON v1/v2		•	
Web-based management		•	
Command line interface (CLI)		•	
HTTPs, SSH		•	
Syslog		•	



Model		DIS-700G-28XS
Hardware	Number of SFP ports	24
	Number of 10G SFP+ ports 4	4
	Input voltage range	Dual 20-58 VDC
	Compatible power supplies	Built-in
	Mounting option	19@ rack mount
	Operating temperature range	-10° to +65°C
	Vibration, shock and freefall certification	Vibration: IEC60068-2-6; Shock: IEC60068-2-27; Free Fall: IEC60068-2-32
	EMC certification	FCC Part 15, EN 61000-6-2, EN 61000-6-4, ESD: IEC61000-4-2, Radiated RF (RS): IEC61000-4-3, EFT: IEC61000-4-4, Surge: IEC61000-4-5, Conducted RF (CS): IEC61000-4-6
	Ingress protection	IP30
	PROFINET Support	Optional
L2	MAC address	8K
	802.1D STP, 802.1w RSTP, 802.1s MSTP	•
	Fast Failover Protection Rings (link loss recovery <20ms)	•
VLAN	802.3ad with LACP	•
	VLAN group (max static)	2048
	Port / MAC / protocol-based VLAN, GVRP	•
QoS	Multicast protocols	IGMP v1/v2/v3, IGMP snooping
	Policy-based access control engine	Multi-layer ACL support
	Number of queues per port	8
	Traffic shaper	Hierarchical per port and per queue shaping & scheduling with bandwidth management
Security	Traffic Policer	TiTCM
	Multicast/Broadcast/Flooding Storm Control	•
	IP and MAC-based access control	•
AAA	Policy-based access control	•
	802.1X access control	•
Management	RADIUS/TACACS+ authentication	RADIUS only
	SNMP (v1/v2c/v3), RMON v1/v2	•
	Web-based management	•
	Command line interface (CLI)	•
	HTTPs, SSH	•
	Syslog	•



D-View 7 Network Management System

(Compatible with DIS-200G and DIS-300G series switches)

The D-View 7 Network Management System is a comprehensive standards-based management tool designed to centrally manage critical network characteristics such as availability, reliability, resilience and security in a consistent way. Flexible and versatile, D-View 7 uses cutting edge web technology to provide a comprehensive software toolbox that can be accessed without the need to install software onto the client.

Comprehensive Management

Manage your network effectively with useful tools and features such as Batch Configuration, SNMP, and Flexible Command Line Dispatch.



Hassle-Free Network Management

Graphical and detailed dashboard provides a centralised and convenient way to manage and monitor your network.



Extensive Device Support

Supports a large number of devices including smart and managed switches, unified access points, and wireless controllers, as well as non-D-Link devices.

4G LTE M2M Router

With data connectivity being crucial to a smart infrastructure, the need for reliable routers has never been greater.

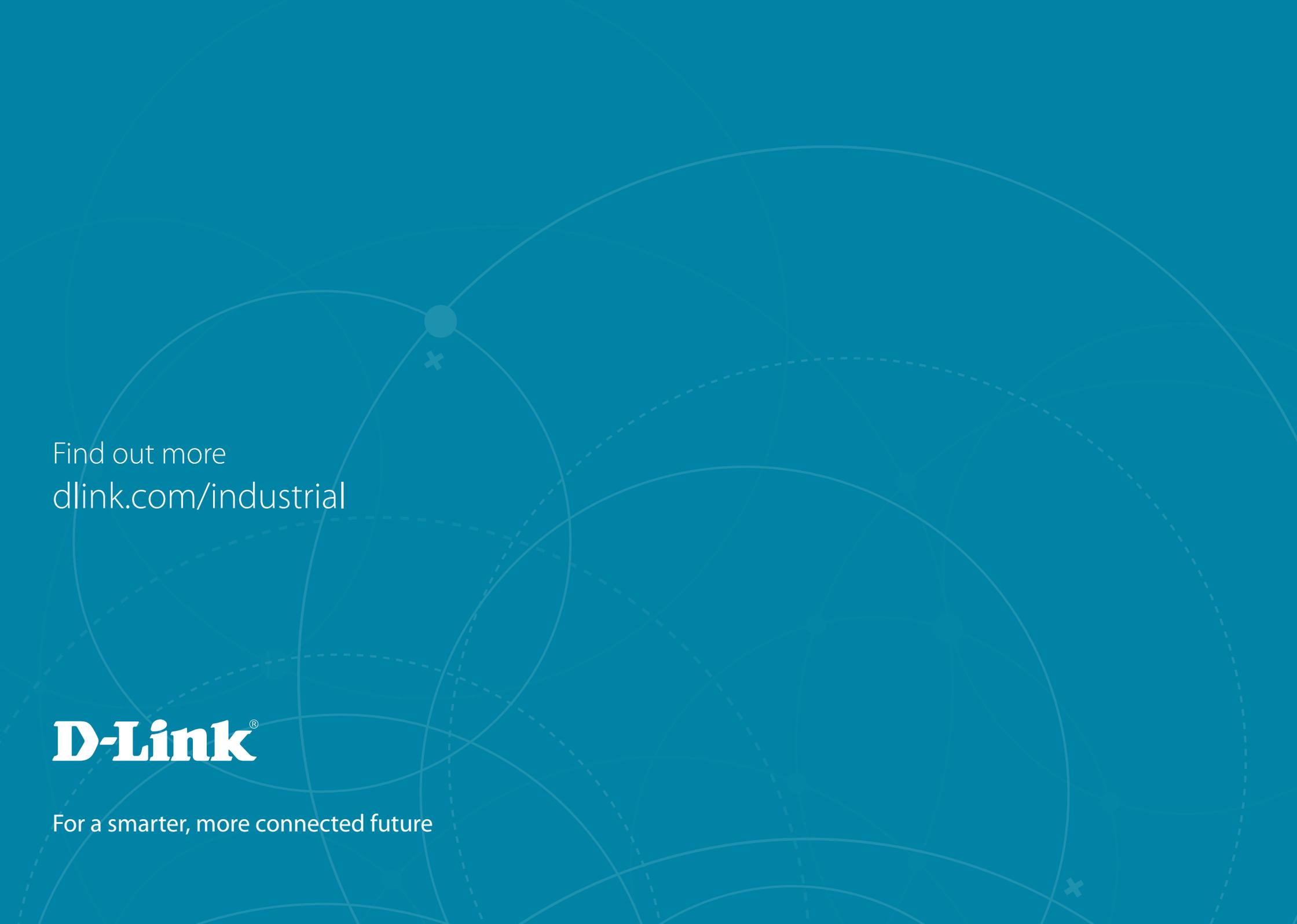
To ensure maximum integration with our switches, the router is designed to operate in similar conditions and temperatures. It features dual-SIM high-speed 4G LTE for maximum redundancy and flexibility for a wide range of Machine to Machine (M2M) applications.

Just plug it in and connect.



Our **4G LTE M2M Router** is designed to provide connectivity to areas without a wired Internet connection or to provide a backup connection to add redundancy.

General		Physical Properties	
Mobile network support	<ul style="list-style-type: none"> - LTE Cat.4 Bands 1/3/5/7/8/20/38/40/41 - GSM/GPRS/EDGE 900/1800 - UMTS/HSPA 1/5/8. 850/900/2100 MHz 	LED status indicators	<ul style="list-style-type: none"> - Power - Internet connectivity - Network status - Signal strength - Ethernet
Data throughput	<ul style="list-style-type: none"> - LTE Throughput - Up to 150 Mbps down/50 Mbps up - HSPDA-DC up to 42 Mbps down/5.76 Mbps up - EDGE up to 236.8 Kbps 	Power	<ul style="list-style-type: none"> - 5V/2A adapter - Flexible input: DC 5V/2A ~ 18V/0.7A
Device interfaces	<ul style="list-style-type: none"> - 1 x 10/100 fast ethernet WAN port - 1 x 5.5mm DC input - 2x SMA (antenna connectors) - Dual micro-SIM slots 	Enclosure	<ul style="list-style-type: none"> - Corrosion-resistant zinc-plated steel
Standards	<ul style="list-style-type: none"> - IEEE 802.3i - IEEE 802.3u 	Dimensions	<ul style="list-style-type: none"> - 93x70x23.6 mm (3.66x2.76x0.92 in)
Advanced features	<ul style="list-style-type: none"> - QoS engine (Quality of Service) - L2TP/PPTP/IPSec VPN client/server modes - SNMP and D-View 7 support - Firmware over the air (FOTA) upgrades - Web-based UI - TR-069 CPE WAN management protocol 	Weight	<ul style="list-style-type: none"> - 210g (7.41 oz)
		Temperature	<ul style="list-style-type: none"> - Operating -20° to +60°C - Storage -40° to +85°C
		Humidity	<ul style="list-style-type: none"> - Operating 5% to 85% non-condensing - Storage 0% to 95% non-condensing
		Certifications	<ul style="list-style-type: none"> - CE



Find out more
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D-Link[®]

For a smarter, more connected future