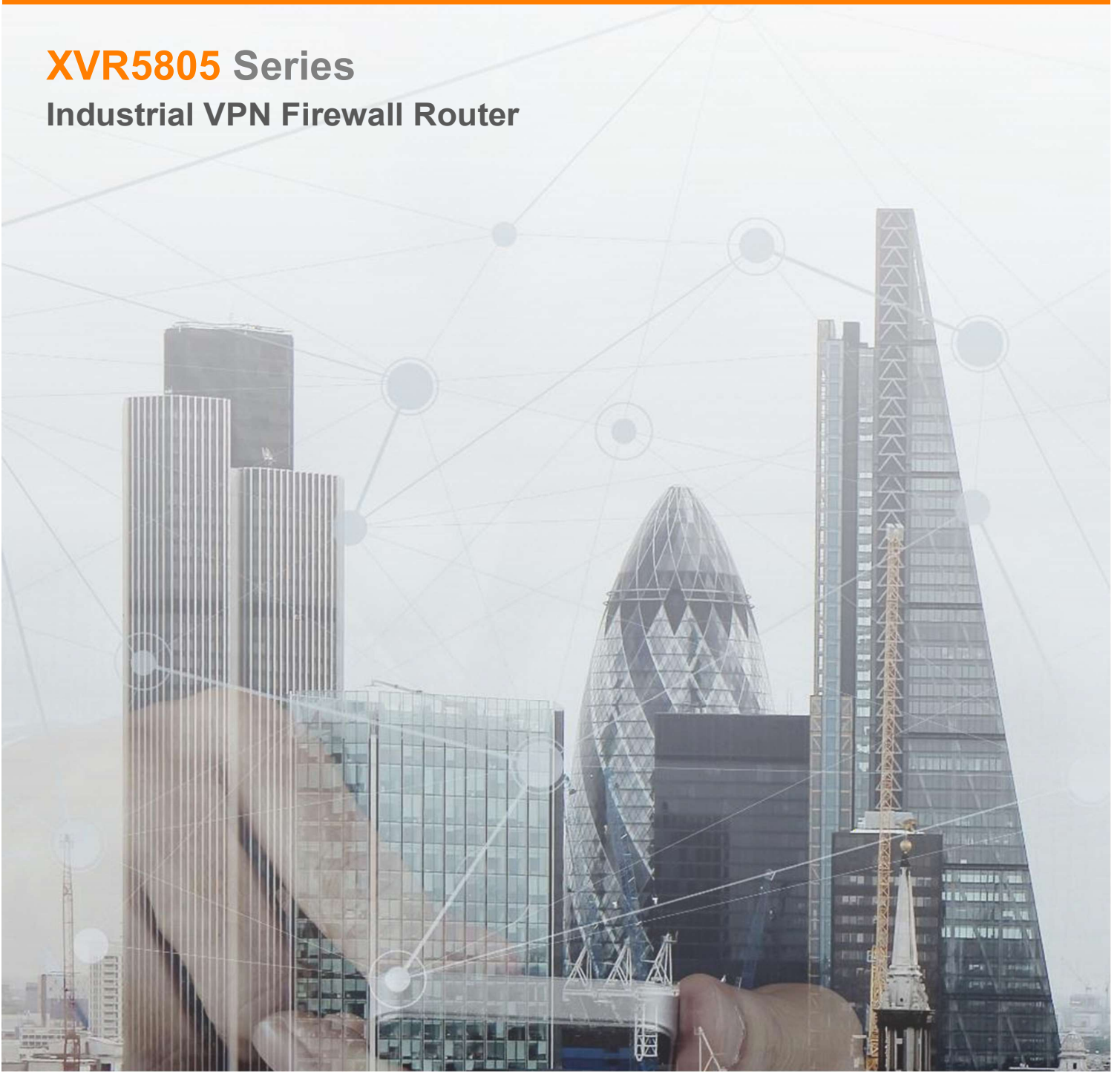


RELIABLE SECURE CONNECTIVITY

XVR5805 Series
Industrial VPN Firewall Router





XVR5805 Series

Industrial VPN Firewall Router



FEATURE HIGHLIGHTS

- Quad-Core High-Performance Platform
- Secure VPN and Firewall Isolation
- 5x 1000 Base-TX RJ-45, 1x WAN, 4x LAN
- IEC 62443-4-2 Cybersecurity Compliance*
- Dimensions (mm): 145 x 120 x 46
- Industrial EMC
- -40°C to +75°C Temp. Operation
- CE/FCC and Other Certifications
- Various Remote Management
- Power Redundancy with PoE PD and DC
- Multi-WAN Failover



PRODUCT DESCRIPTION

Agatel XVR is an advanced device that allows a very tangible scale-up of almost any industrial infrastructure. In addition to high EMC protection, wide-temperature operation, superb hardware and advanced features, XVR will provide high-speed internet access with load balancing and high degrees of security, high speeds and advanced configuration options. XVR integrates an industrial-grade Quadcore A7 ARM CPU, enabling the processing power you need to filter heavy traffic over firewalls, routing, forwarding, security.

Agatel XVR measures High Performance With its integrated 4 x RJ45 LAN ports and 1 x RJ45 WAN Port with VPN feature, XVR provides high-throughput connections. Agatel XVR is proven to run at its maximum loading in the harshest EMC and climate environments. Integrating firewall, zone forwarding, and VPN features, Agatel XVR allows you to connect your industrial network to the internet without fearing intrusions into your organization data.

XVR5805 allows you to easily set up a VPN Router environment for providing a secured access to all users. Perfect for VPN deployment where high speed is required, XVR can bridge to the remote VPN server via various VPN protocols with secured key exchange algorithms. Finally, these features are all enclosed in a rugged fanless design with operation temperatures from -40°C up to +75°C, to suit applications in any environment





SPECIFICATIONS

Hardware Specifications	
Model Name	XVR5805
CPU	ARM Cortex A7, Quad-Core
Network Interfaces/Connectivity	
Ethernet ports	Standard IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT(X) IEEE 802.3ab for 1000BaseT(X)
	Ports x 10/100/1000 BASE-TX RJ-45s x WAN1 x LAN 4
Watchdog	
Hardware WD Reset	Yes
External IO Interfaces	
Default/Reset Button	1 key
SD Slot	1x micro-SD slot
Power	
Voltage Input	DC Power : 12 ~ 48V
Consumption	< 20W
Redundancy	Yes, PoE Model, Option for PoE or DC Input
Connector	3-pin Terminal block
Reverse polarity protection	Yes
PoE (PoE version only)	PoE PD, 802.3at, Mode A, @LAN4
Mechanicals	
Casing material	Metal housing
Dimension L x W x H (mm)	145 x 120 x 46
Weight (g)	726
Installation	DIN-Rail or Wall-Mount (optional kit)
Ingress Protection Rating	IP30 protection
Environment limits	
Operating Temperature	-40°C to +75°C (-22°F to +158°F)
Storage Temperature	-40°C to +85°C (-40°F to +185°F)
Ambient Relative Humidity	5% to 95% RH, (non-condensing)



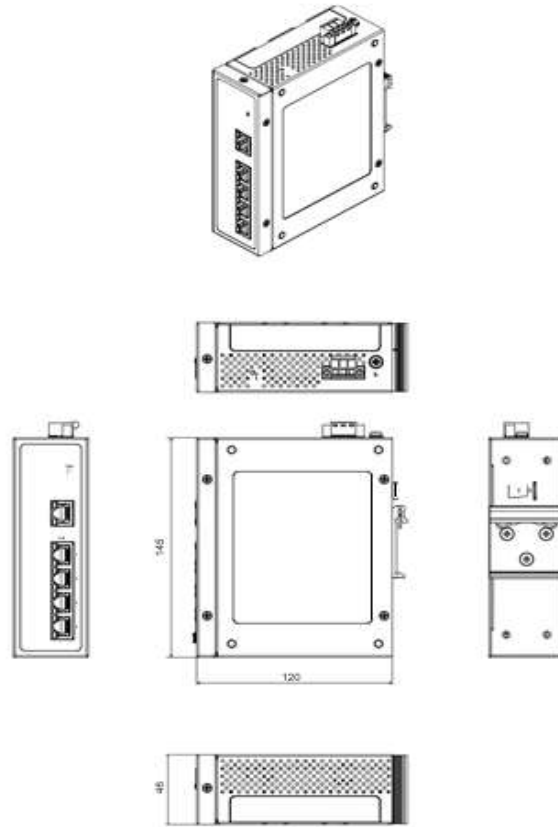
Software Specifications	
Internet Connection Authentication	CHAP/PAP/Auto
Network	
IPv4/IPv6	DHCP server DHCP Client/Static IP/PPPoE
Connection Protocol/Service	Telnet, SSH, SCP, Http, Https, SNMP
Industrial Protocol	NTP, DNS, 802.1Q VLAN, QoS, VRRP, MQTT
Security	
Firewall	Access control list (ACL) Port Forwarding Attack Prevention (Inserted after Port forwarding)
VPN	IPSEC, OPEN-VPN, LT2P, PPTP Server, GRE
Management	
System Configuration	WEB, Telnet, SSH
Firmware upgrade	WEB
System Log	SD Storage, remote logger, local flash
SNMP	SNMP v1/v2/v3
Diagnostics	Ping, Traceroute, Nslookup
Statistics	
Statistics	Memory, WAN, LAN

Regulatory Approvals				
Safety	IEC/EN62368-1			
EMC	FCC Part 15, Subpart B, Class A EN 55032, EN 55035, EN 61000-3-2, EN 61000-3-3			
Test	Item		Value	Level
IEC 61000-4-2	ESD	Contact Discharge Air	±6KV	3
		Discharge	±8KV	3
IEC 61000-4-3	RS	Enclosure Port	3 (V/m) , 80-1000MHz	3
			3 (V/m), 1-6GHz	2
IEC 61000-4-4	EFT	DC Power Port Signal Port	±2.0KV@ 5.0kHz	3
			±1.0KV @ 5.0kHz	3
IEC 61000-4-5	Surge	DC Power Port Signal Port	Line-to-Line ±1KV Line-to-Earth	3
			±2KV Line-to-Earth ±2.0KV	3
				3
IEC 61000-4-6	CS	DC Power Port Signal Port	3V, 150KHz to 80MHz, 80%AM	2
			3V, 150KHz to 80MHz, 80%AM	2
IEC 61000-4-8	PFMF	Enclosure	1A/m (r.m.s), 50Hz or 60Hz	1
Shock	IEC 60068-2-27			
Drop/Freefall	IEC 60068-2-32			
Vibration	IEC 60068-2-64			
Others	RoHS, including 2015 amendment REACH Conflict-Mineral Free			
Warranty	5 years			





Dimensions



XVR5805 Series Dimensions (145 x 120 x 46 mm)



ORDER INFORMATION

Model	Description
XVR5805	industrial VPN Firewall Router , 1*10/100/1000 T(X) WAN, 4*10/100/1000 T(X) LAN





WHO WE ARE

Built on 20 years of experience in designing and manufacturing industrial networking products, **Agatel** was established from the UK to serve the infrastructure and industrial sectors in EMEA markets with reliable connectivity for mission-critical systems in demanding environments.

Experienced in hardware and software design and integration, we produce high-quality yet cost-effective industrial networking and communication products with great customization capabilities and robust implementations, equipping our customers for reliable secure industrial networks.



WHAT WE OFFER

The needs of our customers' industry are different from those of corporate IT environments – industrial operating environments are tough and the impact of failure in the field can lead to business threatening situations, hence our products will have lifetimes in excess of 20 years.

From entry-level to high-performance industry-certified hardware, **Agatel** offers a full solution spectrum to suit our customers' budgets and application requirements, with features such as industrial-grade reliability, integrated security, network redundancy, and advanced performance.

Our product solution profile includes industrial Ethernet switches, network time servers, media converters, industrial wireless devices, and serial device servers, covering a wide array of mission-critical applications such as automation, security, transport, water, oil and gas, and power grids.



WHY CHOOSE US

We help our customers reduce downtime and operational costs of their industrial applications in harsh environments. Leading system integrators in EMEA rely on our niche technical expertise and product quality to increase their applications' robustness, revenues, and competitive differentiation.

Agatel ruggedized high-quality solutions are designed to deliver zero-network-downtime for harsh project demands, allowing for reliable connectivity to keep people and assets safe and secure in harsh and hazardous environments, and allowing customers to focus on growing their business.

Agatel Ltd

1st Floor, Apex House
Calthorpe Road, Edgbaston
Birmingham B15 1TR
United Kingdom

Tel: +44 121 809 8855
E-mail: info@agatel.co.uk
Website: www.agatel.co.uk