

## Industrial NAT Router

# JetWave 2009



- ▶ 8 Gigabit Base TX LAN port and 1 Gigabit RJ-45 WAN port
- ▶ VPN for securing remote access tunnel
- ▶ Dual DC Power input 12-48V
- ▶ -40-75°C operating temperature



Wide Temp

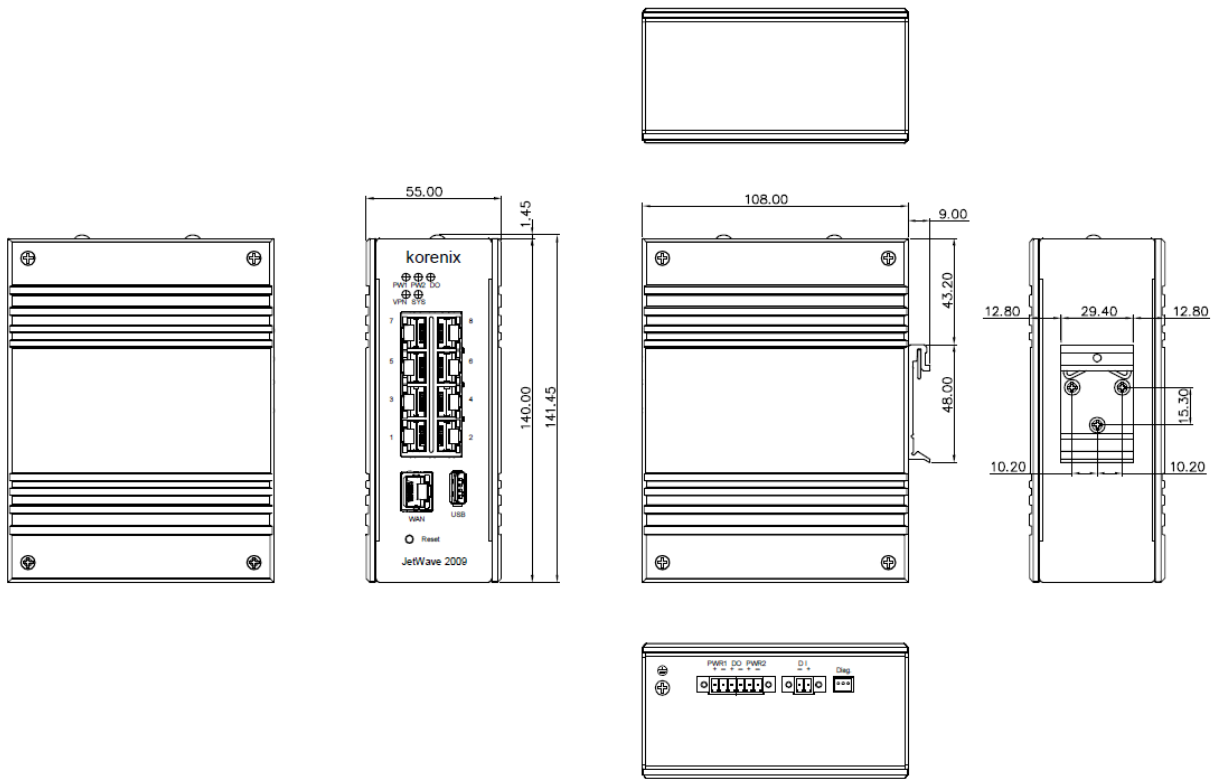


Gigabit

## Overview

The JetWave 2009 is an industrial Gigabit Router with 9 ports Gigabit LAN ports plus , and 1 Gigabit WAN port. It adopts high efficiency Ethernet MAC controller with 20Gbps Switch fabric bandwidth, managed Layer 2 switch functions and NAT function. The robust system design makes the JetWave 2009 survive under harsh outdoor environment with extreme electric magnetic interference and the variation of environment temperature. The VPN function provide secure communication tunnels while accessing a private network from the public internet. It provides your network infrastructure with great performance and safety with network access control, and handle burst packet with smart buffer management for IP surveillance in real infrastructure.

# Dimensions (Unit = mm)



# Specification

Technology	
Standard	IEEE 802.3 for 10BaseT IEEE 802.3ab for 1000BaseT(X) IEEE 802.3u for 100BaseT(X) IEEE 802.3x for flow control IEEE 802.3z for 1000BaseSX/LX/LHX/ZX
Interface	
Ethernet Port	9x 10/100/1000 Base-T(X) RJ-45 Non-blocking Switching Performance Auto negotiation speed, Full/Half duplex mode and auto MDI/MDI-X connection
Power Input	2x 24VDC (12-48VDC) input
Relay Output	1xRelay Output, 1A@24VDC
Reset	Reset Switch, Reset to Default over 7 seconds
LED	2x Power (Green power on) 1X System (Green system active) 1x DO: Relay is On (it may indicate the alarm of specific events) 1X VPN (Green VPN is active) Per Ethernet Port : Link (Green on), Activity (Green blink) 1000Mbps (Amber on) / 100 or 10Mbps (Amber off)
Digital Input Channel	0 to 10.8 V for state 1 11 to +30 V for state 0 Max. input current: 8 mA
Management	
Management	SNMP v1/v2/v3, VPN Management, Configuration Backup/Restore, Firmware Upgrade, DHCP Server/Client, PPPOE
SNMP	Simple Network Management Protocol v1/v2c/v3,
Status	DHCP Client List
SNMP Trap	SNMP Trap to specific server
System Log	System events log
Open VPN	
Authentication	User password by MD5, SHA1, SHA256, SHA512
Concurrent VPN tunnels	Client Mode: max. 2 external servers Server static mode: max. 10 external client
Encryption	AES128/192/256CBC, Blowfish CBC
Protocols	Open VPN (client and server), , UDP, and TCP Tunnel mode (routing)
Throughput	Max.20Mbps
IPsec VPN	
Authentication	RSA(key size: 1024-bit), shared secret
Encryption	AES-128
Protocols	IPsec
Throughput	Max. 35Mbps
NAT	
Features	1 to 1, N-to-1, Port Forwarding

Mechanical	
Enclosure	Aluminum housing
Mounting	Din-Rail, Desktop
Dimension	140 mm(H) x 105 mm(D) x 55 mm(W)
Weight	g with package
Environmental	
Operating Temperature	-40 ~ 75°C
Operating Humidity	5% ~ 95% (operating)
Storage Temperature	-40 ~ 85 °C
Approvals	
Certification	EN55032/24
EMS	IEC 61000-4-2 / IEC 61000-4-3 / IEC 61000-4-4/ IEC 61000-4-5/ IEC 61000-4-6/ IEC61000-4-8
Safety	
Warranty	5 years