



SEE THE UNSEEN



# Enterprise Router



Model  
ANAO-PACW90

## Key Features:

- 🚦 10G-READY – DUAL 10GE SFP+ PORTS (WAN/LAN) FOR HIGH-SPEED, FUTURE-PROOF CONNECTIVITY.
- 🚦 ENTERPRISE SECURITY – FIREWALL, IDS/IPS, DDOS PROTECTION, IP-MAC BINDING & DPI.
- 🚦 SCALABLE ARCHITECTURE – SUPPORTS THOUSANDS OF SESSIONS/TUNNELS FOR LARGE ENTERPRISES.
- 🚦 ADVANCED QOS – PRIORITIZES CRITICAL APPS LIKE VC & ERP WITH APPLICATION-AWARE TRAFFIC CONTROL.
- 🚦 DIAGNOSTICS & MONITORING – REAL-TIME DASHBOARDS, SNMP, SYSLOG & ALERTS FOR VISIBILITY.
- 🚦 FUTURE-READY – SDN-BASED, SCALABLE, AND DESIGNED TO GROW WITH ENTERPRISE DEMANDS.

## Enterprise Router

Specifications	
Product Type	Enterprise Branch/Datacenter Router with Integrated SDN Support
Form Factor	1U Rackmount, Metal Enclosure, Fan Cooled
Hardware Interfaces	2 × 10GE SFP+ Ports (1 × WAN, 1 × WAN/LAN) 8 × Gigabit RJ45 WAN/LAN Ports (configurable) 2 × Combo RJ45/SFP Gigabit Ports (optional) 1 × Console Port (RJ45/USB-C)
WAN Capability	Up to 10 WAN Ports (RJ45 + Fiber mix) Multi-WAN Load Balancing Automatic Failover Policy-Based Routing Bandwidth Aggregation
Routing Protocols	Static Routing, RIP v1/v2, OSPF v2/v3, BGP, IS-IS, VRRP, ECMP, Policy-Based Routing (PBR)
Switching Features	VLAN (802.1Q), Port Trunking (LACP), Spanning Tree Protocol (STP/RSTP/MSTP), IGMP Snooping, Multicast Routing
Performance	Firewall Throughput: ≥ 18 Gbps VPN Throughput (IPSec): ≥ 4 Gbps Concurrent Sessions: ≥ 2,000,000 New Sessions per Second: ≥ 80,000Latency: ≤ 2 μs
SDN & Cloud Management	Zero-Touch Provisioning (ZTP) Centralized Cloud Management Remote Configuration, Monitoring & Troubleshooting Omada Cloud Platform & Mobile App (iOS/Android)
Management Interfaces	Web GUI (HTTPS), CLI (SSH/Telnet/Console), SNMP v1/v2c/v3, Syslog, NTP, REST API
VPN Support	SSL VPN, IPSec VPN, PPTP, L2TP, GRE, OpenVPN L2TP over IPSec Site-to-Site & Client-to-Site Dynamic DNS WAN-based VPN Failover
VPN Capacity	Up to 2,000 Tunnels VPN Acceleration with Dedicated Hardware Engine
Security Features	Stateful Packet Inspection (SPI) Firewall DoS/DDoS Protection IP/MAC/URL Filtering Access Control Lists (ACLs) IP-MAC Binding One-Click ALG Activation (FTP, H.323, SIP, IPsec, PPTP, L2TP) Web Application Firewall (WAF) Intrusion Detection & Prevention (IDS/IPS) Deep Packet Inspection (DPI)
QoS (Quality of Service)	Application-Aware QoS Traffic Shaping & Prioritization Bandwidth Control DiffServ (DSCP) Support
High Availability	Dual Power Supply (optional) Active/Standby Failover VRRP-based Redundancy Hardware Bypass for Critical Ports

Monitoring & Diagnostics	Real-Time Traffic Monitoring Event & Error Logs Syslog Integration SNMP Traps & Alerts Performance Dashboards
Scalability	Supports thousands of users across multiple branches with centralized management
Power Supply	Input: 100–240V AC, 50/60Hz Consumption: ≤ 120W Dual Redundant Power (Optional)
Environmental Conditions	Operating Temperature: 0°C ~ 45°C Storage Temperature: -40°C ~ 70°C Operating Humidity: 10%–90% non-condensing
Physical Dimensions	440 mm × 300 mm × 44 mm (1U Rackmount)
Weight	≤ 7 Kg

## ABOUT AVAIVI

AVAIVI is a dynamic and innovative DPIIT recognized Startup Company for its commitment to driving excellence, fostering innovation, and contributing to Bharat's burgeoning entrepreneurial landscape. AVAIVI specializes in providing cutting-edge Audio-Visual Solutions, AI-based Software and Security & Surveillance Technology.

**AV Technology:** AVAIVI's state-of-the-art audio-visual solutions redefine how information is presented and shared. Our innovative AV solutions include interactive displays, digital signage, audio systems, and immersive multimedia experiences.

**AI Software Suite:** From predictive analytics to process optimization, our AI-based software applications empower organizations to make informed decisions, streamline operations, and stay ahead in a rapidly evolving digital landscape.

**Video Surveillance:** AVAIVI's expertise in CCTV security surveillance technology goes beyond traditional monitoring. Our comprehensive solutions encompass advanced camera systems, intelligent video analytics, and remote monitoring capabilities.

Disclaimer: The information provided in this product datasheet is intended for general informational purposes only. While we strive to ensure the accuracy and reliability of the information presented. It is important to note that productspecifications and features may change without prior notice.