



Part No.: 146883  
Vendor Part No.: ALL-PR4014PD

## ALLNET ALL-PR4014 / PoE PD Router, 1Giga-WAN/4-Giga-LAN



### EAN CODE



### Highlights:

- 4 Gigabit LAN PSE ports & 1 Gigabit WAN PD port PoE+ Gateway
- 1 Gigabit WAN PD Port that allows ALL-PR4014 acquiring power from a PSE.
- 4 Gigabit LAN PSE Ports that support IEEE 802.3af/at PoE, providing up to 30W per port
- WAN connection supports static IP, dynamic IP, PPPoE, L2TP, PPTP
- Supports VPN pass-through, including L2TP, IPsec, and PPTP.
- Firewall that provides network security.
- Management features such as Max/Min Bandwidth Control, QoS, Broadcast/Multicast/Unknown Frames Storm Control

### Introduction

ALL-PR4014P is a 4 Gigabit PSE (Power Source Equipment) LAN ports & 1 Gigabit (Powered Device) WAN port PoE+ NAT router that is designed for small or medium network environment to strengthen its network connection. This product is compact size, making it ideal for Desktop users with limited space.

### IEEE 802.3at Power over Ethernet (PoE) PSE & PD Ports

ALL-PR4014P features 4-port PoE+ IEEE 802.3at supplying up to 30 watts per port. This product can convert standard 100~240V/AC power into low-voltage DC that runs over existing LAN cable to power up IEEE 802.3at compliant network accessories. By adding ALL-PR4014P to existing networking, installing networking products such as Access Points and IP cameras can be easily managed and set up. Wireless device deployments are easily located with available power outlets and network administrators don't need to use heavy AC power adapters anymore.



When connected with a PSE to its PD WAN port, ALL-PR4014P can be power without its external power adaptor, therefore eliminating the need to find a power outlet for the router.

### Various Type of WAN Connection

ALL-PR4014P can accommodate different types of WAN connection provided by different ISPs (Internet Service Provider). The WAN connection types that ALL-PR4014P supports include static IP (with a set of IP addresses provided by your ISP), dynamic IP (with cable modem), PPPoE (for DSL modem), L2TP and PPTP (both VPN connections).

### Technical Details:

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Interface		
10M/100M/1000M RJ45 PSE LAN Ports		4
10M/100M/1000M RJ45 PD WAN Ports		1
System Capacity & Performance		
Processor		880 MHz, Dual-Core
L2 Cache		256 KB L2 Cache shared by Dual-Core
Key Software Features		
Operation Mode		Bridge/Gateway
Hardware NAT	Wired Speed	2Gbps
	L2 bridge	Yes
	IPv4 routing, NAT, NAT	Yes
	IPv6 routing, DS-Lite, 6RD, 6to4	Yes
Accessible MAC Address Table Size		2K MAC entries with auto aging & learning capabilities
WAN	Static/Dynamic IP	Yes
	PPPoE	Yes
	PPTP/L2TP	Yes
VPN Pass-through		IPSec, L2TP, PPTP
QoS Features	SP (Strict-Priority), WFQ (Weighted Fair Queue), and SP+WFQ latency scheduler	Yes
	Max/Min Bandwidth Scheduler	Yes
	Ingress/Egress Rate Control	Yes
	Firewall	Yes
Firewall	MAC/IP/Port Filtering	Yes
	Content Filtering	Yes
	Port Forwarding/Virtual Server	Yes
	Port Trigger	Yes
DMZ		Yes
IPv4 and IPv6 multicast frames hardware forwarding		Yes
Jumbo Frame		9K
PoE		

IEEE 802.3 af/at	IEEE 802.3 af/at
Remote PoE On/Off per Port	Yes
Number of PSE LAN Ports	4
PD WAN Port	1 PD WAN Port
<b>Mechanical</b>	
Power Supply	External Power Adaptor Spannungsversorgung 56V/1,17A included, or powered by PD WAN Port
Input Power	AC100~240V, 50/60Hz
LED	Power, PoE In/Out, Link/Act
Dimmension	13cm x 10cm x 2,5cm
Button	Reset Button
Operating Temperature	0°C to 50°C
Operating Humidity	90% (non-condensing)
Certification	CE, FCC
<b>Standard</b>	
IEEE 802.3 – 10BaseT	Yes
IEEE 802.3u - 100BaseTX	Yes
IEEE 802.3ab - 1000BaseT	Yes
IEEE 802.3af Power over Ethernet (PoE)	Yes
IEEE 802.3at Power over Ethernet (PoE+)	Yes
IEEE 802.3az - Energy Efficient Ethernet (EEE)	Yes
IEEE 802.3x - Flow Control	Yes
IEEE 802.1q - VLAN	Yes
IEEE 802.1p - Class of Service	Yes
IEEE 802.1x - Access Control	Yes

## Additional Images





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