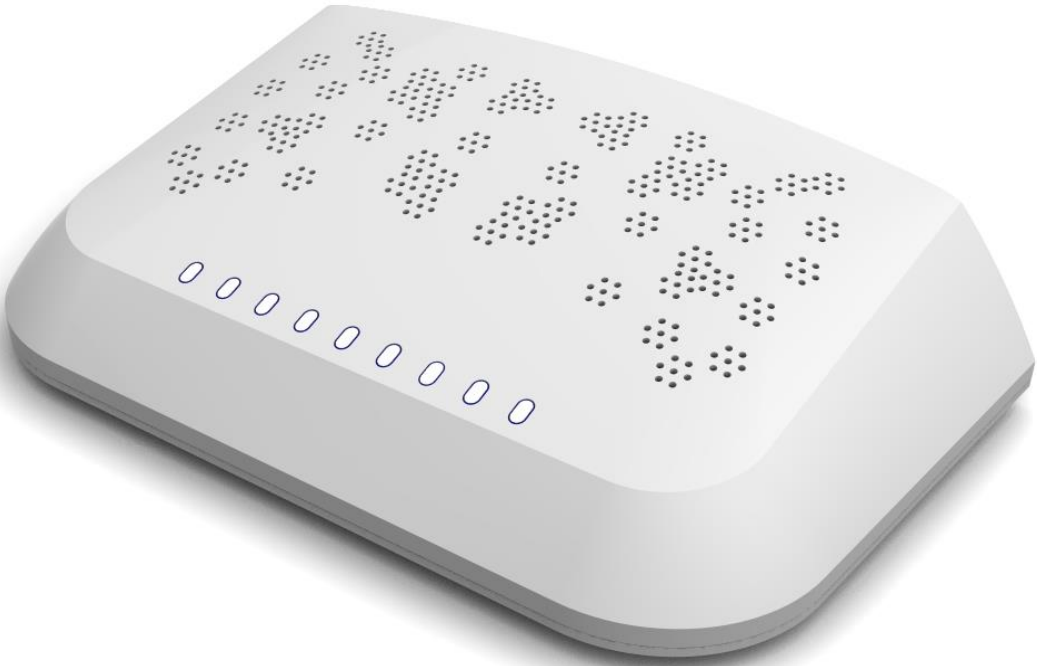


VDSL2 Residential Gateway (4 + 1) x 10/100/1000 TX with 2.4GHz & 5GHz Wireless AP



VDSL2-RG; servis sağlayıcı ile mevcut telekom altyapısında bulunan bakır hatlardan VDSL2 standardına uygun biçimde haberleşebilen, yerel ağında ise gigabit ethernet portlar ve kablosuz ağ desteği barındıran ve bunun yanında yine yerel ağda USB tak-paylaş (PnP) özelliği barındıran, ev ve küçük ofis kullanıcılarını hedefleyen bir modemdir.

Physical Features

Dimensions: 48,9mm*130,2mm*218mm

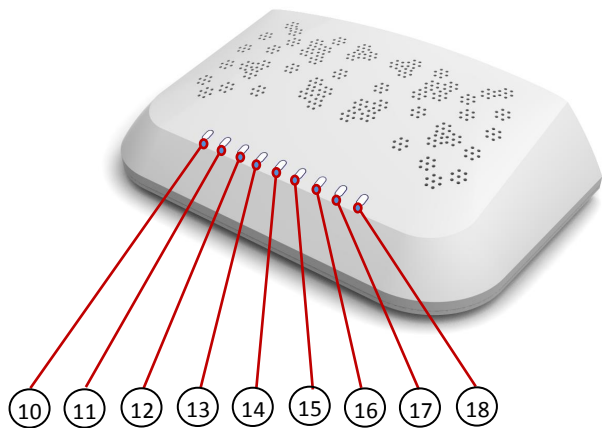
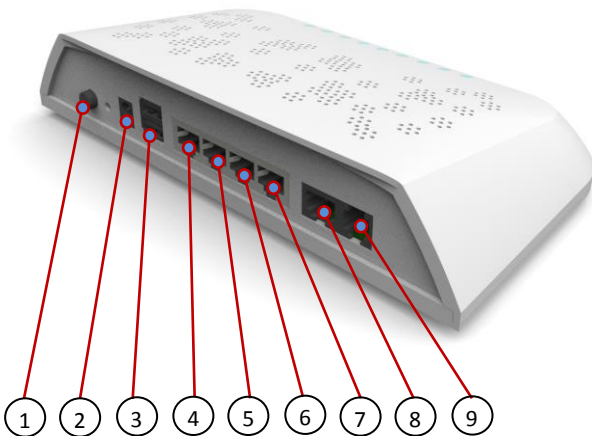
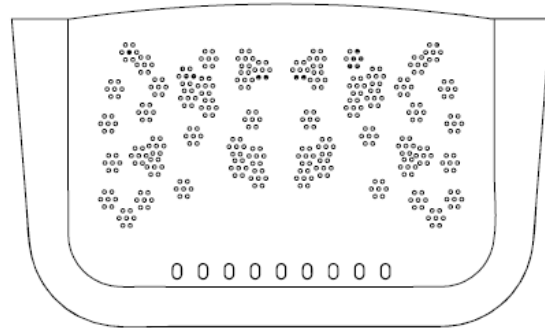
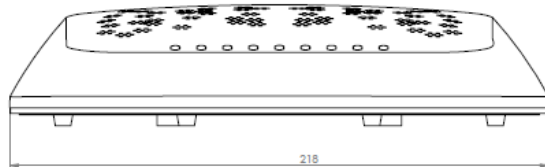
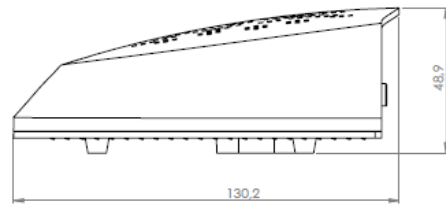
Weight: ?

Color: ?

Mounting: ?

Interfaces:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.
- 16.
- 17.
- 18.



Hardware Features

Design Architecture

CPU	: MIPS 34Kc Core 500 MHz
RAM	: 256 Mbyte
ROM	: 256 Mbyte
NVM	: 64 Kbyte
Switching Fabric	: 14Gbps
Transfer Rate	: 14,880pps for Ethernet port 148,800pps for Fast Ethernet port 1,488,000pps for Gigabit Ethernet port
Packet Buffer	: 1Mbit Frame Buffer Memory

Interfaces

Ethernet	: (4 + 1)x 10/100/1000TX
Wifi	: 802.11 b/g/n with 2.4 GHz & 5GHz support
VDSL2	: ITU993.2 (Including Profile 30a)
ADSL2+	: ITU G.992.3 (G.dmt.bis/ADSL2) Annex A, B, and M Data Rates ITU G.992.5 (ADSL2+) Annex A, B, M, L, I and J Data Rates ITU-T G997.1 (G.ploam) for physical layer management protocol (operation, administration and maintenance) ITU T G.998.4 (G.inp)
USB	: 2 x USB2.0
LED	: Per unit: Power 1 (Green), 4 + 1 port 10/100/1000: Link/Activity (Green) VDSL2: LinkUp(Green) Internet: Present(Green)
Serial	: RS232
USB	: USB 2.0

Power

DC	: External Power Supply: DC 12V
Power Consumption	: Max 9.5 Watt

Environmental

Operating Temperature	: 0°C , +40°C
Storage Temperature	: -20°C , +55°C
Humidity	: %10-%90
Environmental Standards	: TSE-301489
EMI/EMC Compliance	: TSE-60950-1
Safety	:

Mechanical

Network Cable	: 10Base-T: 2-pair UTP/STP Cat. 3, 4, 5/ 5E cable, EIA/TIA-568 100-ohm (100m) 100Base-TX: 2-pair UTP/STP Cat. 5/ 5E cable EIA/TIA-568 100-ohm (100m) 1000Base-TX: 2-pair UTP/STP Cat. 5/ 5E cable EIA/TIA-568 100-ohm (100m)
Weight	: ???
Colour	: White
Case Dimension	: 48,9mm*130,2mm*218mm

Software Features

Software Architecture

Operating System	: Embedded Linux
Kernel	: 2.6.28
File System	: UBIFS
Configuration	: SNMP, WEB, CLI, SSH
Remote File Transfer	: Upload/Download via TFTP

Configuration

SNMP	: SNMP v1,v2,v3
WEB	: PAVO Remote Configuration Interface
CLI	: RS232
Telnet	: RFC 854
Remote File Transfer	: Upload/Download via TFTP [Optional]

Network Features

Physical Layer Protocols		Data Link Layer Protocols	
Flow Control	: Supports Flow Control for Full-duplex and Back Pressure for Half-duplex	VLAN	: Port Based VLAN IEEE 802.1Q Tag VLAN (64 entries) VLAN ID (Up to 4K, VLAN ID can be assigned from 1 to 4094)
IEEE 802.3i	: 10BASE-T 10 Mbit/s (1.25 MB/s) over twisted pair	PPPoE	: Point to Point Protocol Over Ethernet
IEEE 802.3u	: 100BASE-TX, 100BASE-T4, Fast Ethernet at 100 Mbit/s (12.5 MB/s) w/autonegotiation	QoS	: The quality of service determined by port, Tag and IPv4 Type Of Service (TOS), IPv4 Differentiated Services (Diff-Serv)
IEEE 802.3ab	: 1000BASE-T Gbit/s Ethernet over twisted pair at 1 Gbit/s (125 MB/s)	Wifi Security	: WEP, WPA-TKIP, WPA2-PSK
Internet Layer Protocols		Application Layer Protocols	
IGMP	Supports IGMP snooping v1,v2, 256 multicast groups and IGMP quer	SNMP	SNMP v1,v2,v3
NAT	Network Address Translation for IP Address Multiplexing	DHCP	Provides DHCP Client/ DHCP Server/ MAC and IP binding
NAPT	Network Address Port Translation for IP Address and Port Multiplexing	DNS	Provides DNS client feature
Login Security	Supports IEEE802.1X Authentication/Radius	SNTP	Supports SNTP to synchronize system clock from a reliable time source
Firewall	<i>Stateful Packet Inspection (SPI)[Optional]</i> , Media Access Controller (MAC) address filtering, Internet Protocol (IP) address filtering, <i>Virtual Private Network, (VPN)[Optional]</i> , Access Control List	SNMP MIB	RFC 1215 Trap, RFC1213 MIBII, RFC 1157 SNMP MIB, RFC 1493 Bridge MIB, RFC 2674 VLAN MIB, RFC 1643, RFC 1757, RSTP MIB, Private MIB, LLDP MIB
		TFTP	Supports TFTP to update firmware, configuration
		UPnS	USB Plug and Share Feature

Supported Standards

IEEE 802.3i	10BASE-T 10 Mbit/s (1.25 MB/s) over twisted pair
IEEE 802.3u	100BASE-TX, 100BASE-T4, 100BASE-FX Fast Ethernet at 100 Mbit/s (12.5 MB/s) w/autonegotiation
IEEE 802.3ab	1000BASE-T Gbit/s Ethernet over twisted pair at 1 Gbit/s (125 MB/s)
IEEE 802.3x	Full Duplex and flow control
IEEE 802.3ad	Link Aggregation Control Protocol (LACP)
IEEE 802.1p	Class of Service protocol
IEEE 802.1Q	VLAN Tagging
IEEE 802.1x	Mac Address Authentication
IEEE 802.1ab	LLDP
IEEE 802.3az	
EN-301489	
EN-60950-1	

Help & Support

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