

FSR-R2 router is designated for subscribers, who require fast access to the Internet, modern and interactive IPTV. FSR-R2 is also well suited to the premises, which actually have no access to IPTV network but in the future this service may be available there. Using Fibrain router significantly lowers launch costs of such services, and reduces installation time at the customer premises. FSR-R2 is an integrated device for subscribers with high-performance architecture and designed to work in Next Generation Networks (NGN). Adopting advanced MIMO (Multi Input Multi Output) technology, it provides incredibly high wireless speed of up to 300Mbps.

**Router with multiple VLAN support**  
FIBRAIN FSR-R2



### Features:

- Bridge and Gateway mode
- 4 x LAN 10/100Mbps, auto MDI/MDIX
- 1 x WAN 10/100Mbps, auto MDI/MDIX
- WLAN IEEE 802.11 b/g/n (up to 300Mbps)
- Hardware NAT
- VLAN Support (IEEE 802.1Q)
- High Performance
- Passive cooling
- Plug & Play
- MTBF > 53000 hours

## WAN Interface

- 1x 10/100 Mbps, auto MDI/MDIX
- PPPoE Client
- DHCP Client
- Static IP
- MAC address cloning

## LAN Interface

- 4x 10/100 Mbps, auto MDI/MDIX
- Klient/Serwer DHCP
- Adresy statyczny
- IEEE 802.1d (Spanning Tree)
- MAC address cloning

## WLAN

- IEEE 802.11 b/g/n (MIMO 2T2R)
- Up to 300Mbps
- Multiple SSID (up to 4)
- WDS: Repeater, Bridge
- Universal Repeater
- WMM (WiFi Multimedia)
- Output Power management
- WEP 64/128, WPA, WPA-PSK, WPA2, WPA2-PSK
- 802.1x Authentication
- MAC address Access control
- WPS (Wireless Protected Setup)

## Quality Of Service

- Bandwidth control (IP)

## Firewall

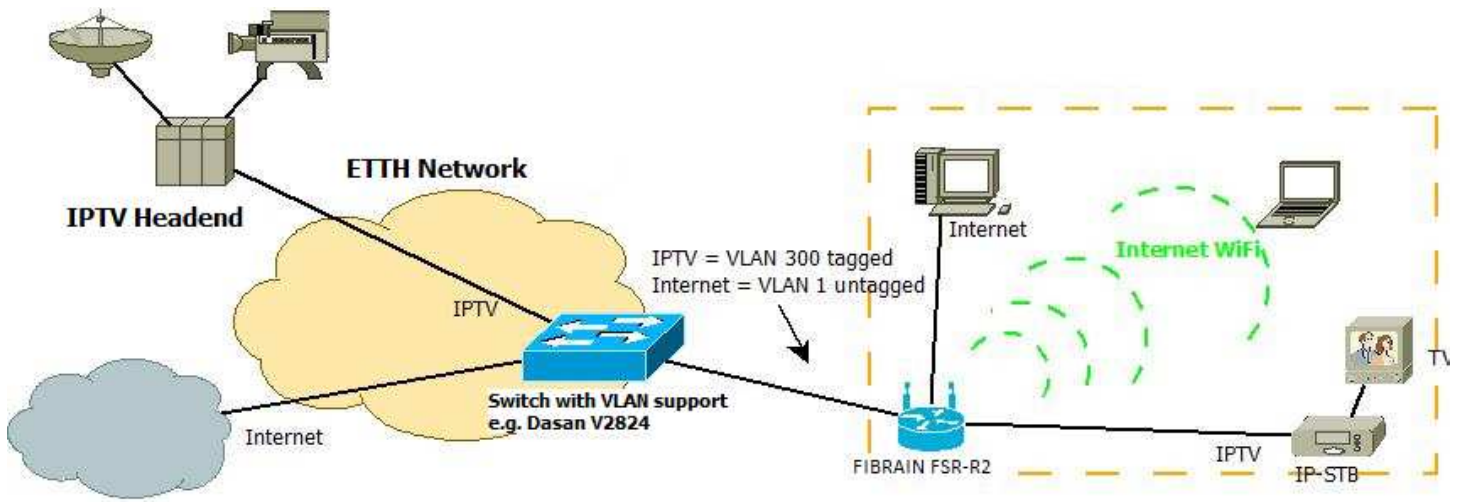
- Port filtering
- MAC filtering
- IP filtering
- URL filtering
- Port forwarding
- DMZ, Super DMZ
- QoS/ToS
- DSCP
- DoS Protection

## Management

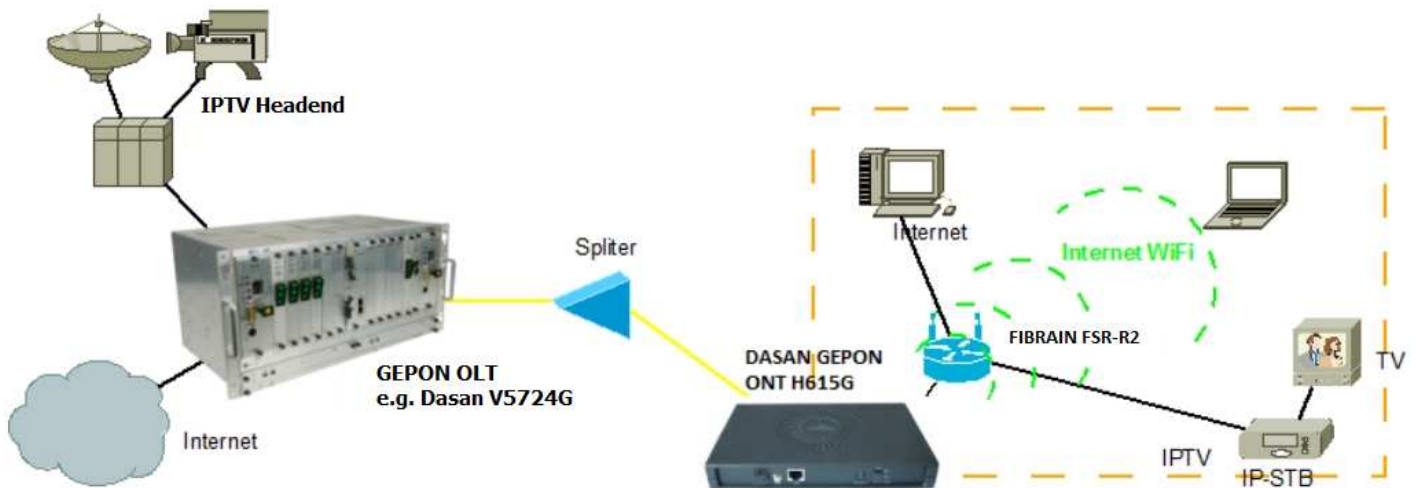
- WEB
- Remote WAN management
- SNMP v1, v2
- APS
- Dynamic DNS support
- Firmware Upgrade
- Export / Import configuration
- Password management



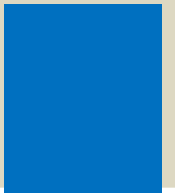
Applications: →



ETTH Network with manager switch (VLAN and IGMP Snooping features)



GEPON or GPON Network with ONT e.g. 1xFE Port:



System specifications:

<b>LAN:</b>	4 x 10/100Mbps, auto MDI/MDIX, IEEE 802.3x
<b>WAN:</b>	1 x 10/100Mbps, auto MDI/MDIX, IEEE 802.3x
<b>WLAN:</b>	IEEE 802.11 b/g/n, do 300Mbps (2T2R)
<b>LEDs:</b>	POWER, WAN, WLAN, WPS, LAN1-4
<b>Power supply:</b>	External power supply 12V/500mA (220V AC/5V DC)
<b>Power consumption:</b>	<6 Wat
<b>Certification:</b>	CE, RoHS
<b>Operating conditions:</b>	Temperature: 0 ~ 50 °C Humidity: 5%~90% no condensaction
<b>Storage conditions:</b>	Temperature: -40 ~ 70 °C Humidity: 5%~90% no condensaction
<b>Casing:</b>	Plastic
<b>Weight:</b>	0.25kg netto 0.45kg brutto
<b>Physical dimensions :</b>	30mm (height) x 140mm (width) x 107mm (depth)