

## DRG488

8-port managed switch



The DRG 488 is the next generation Layer-2 home gateway device. It provides a connection point to FTTx broadband

networks and can deliver up to 1 Gbps to the end-user for delivery of the next generation of in-home services.

### Features

- » Provides 1 Gbps, fully manageable, to the home
- » Autosensing 100/1000 Mbps
- » Flexible management including TR-069, DHCP/ TFTP, SNMP
- » Eight LAN ports providing any port, any service operation
- » Compact, discrete design
- » Quick and easy installation

### Clear and manageable demarcation point

The DRG 488 offers one clear demarcation point with multiple Gigabit Ethernet interfaces. Network owners have full control over the network end points. The DRG 488 is fully manageable, thus avoiding costly on-site visits. Software and configuration

profiles are easily provisioned by network control and provisioning software. Management is also supported using SNMP and DHCP.

### Easy-to-understand LEDs

The discrete, yet informative, LEDs are easily recognised by the end user and identify important events. This is an advantage in communication with network operators and/or service providers.

### Compact design, simple installation

The DRG 488 can be installed either as a desktop or wall mounted device. Its simple installation is failsafe and may be performed by the end user. Its sturdy, clean looking metal casing has been designed in such a way it fits in various metering cabinets and connection boxes, while still looking discrete when placed in a living room.

# Product features & specifications

DRG488

## General specifications

- » Dimensions (H x W x D) 180x97x25mm
- » Weight 250 g
- » Power supply 12 Vdc ± 10%
- » Power consumption 8 W
- » Operating temperature 0 - 45 °C
- » Storage temperature -25 - 70 °C

## WAN interface

- » Combo port:
  - 1000/100/10Base-T RJ-45 port
  - SFP interface
- » VLAN per service
- » VLAN per customer
- » Flexible management connectivity:
  - DHCP client
  - PPPoE client
  - IPv4/IPv6 dual stack

## SFP interface

- » Supports MSA-compliant Ethernet SFPs.
- » Supports SFP-dependent 1000Base-X and 100Base-FX uplink
- » SFP-dependent DDM support

## LAN interfaces

- » 8 User data (LAN) ports RJ-45
- » Compliant with IEEE 802.3 Clause 40 (1000/100/10BASE-T)
- » LED indicators for link and activity
- » Auto-negotiating speed, duplex, MDI/MDIX
- » Recessed reset/factory reset button
- » Wire speed (1000Mbps) switching
- » VPN pass-through
- » IGMPv2, IGMPv3 snooping
- » Four egress queues to support QoS determined by port, 802.1p tag, TOS and DSCP
- » Strict priority or weighted round robin queue scheduling, selectable by port



## Management and control

- » TR-069, TR-098
- » SNMP, including MIB-II, SNMPv2
- » DHCP / TFTP
- » CLI, access through secure SSH
- » Fail-safe firmware upgrade
- » SPI Firewall - management protection

## Regulatory compliance

- » CE marked
- » EMC 2004/108/EC
- » LVD 2006/95/EC
- » IEC/EN 60950-1
- » IEC/EN 60825-1
- » RoHS/WEEE 2002/95/EC

## Status LEDs

- » LAN LEDs (link / activity)
  -  Power
  -  WAN uplink status

## DRG product models

Model	LAN		WAN	
	Ports	Speed (Mbps)	Type	Speed (Mbps)
DRG488	8x	1000/100/10	combo (RJ-45/SFP)	1000/100