coax DATA

Made in EU

WIRELESS ROUTER WITH LOW POWER WIFI MODE

INTERNET THROUGH THE COAXIAL CABLE

ETH | 100% | LOW POWER WiFi

REF. 769301

USE YOUR TV DISTRIBUTION SYSTEM TO PROVIDE A LOCAL NETWORK, NOW WITH WIRELESS ACCESS

The CoaxData system enables the use of coaxial, PLC or fibre optics networks to distribute Internet services to a certain number of points, providing a non-invasive distribution system that preserves the quality of the transmission.

CoaxData Home WiFi (ref. 769301) transforms the data signal distributed by the coaxial system in a wireless signal through an Ethernet interface gateway or "Low Power WiFi". Also it can be configured as a router and/or Access Point.

Highlights

- **Low Power WiFi**. The low power signal mode (**3dBm)** can be activated/deactivated using the frontal switch.
- **Guaranteed coverage** even with high coaxial attenuation (>85 dB).
- Data transference up to **700Mbps** coaxial and 500Mbps over PLC.
- Avoid entering passwords using the **WPS** functionality (available through a press key on the front panel).

Product Range

REF.	DESCRIPTION	EAN 13
★ 769301	COAXDATA GATEWAY 1Gbps	8424450170373
769201	COAXDATA 1Gbps COAX+PLC 2xETH.	8424450165843
769202	COAXDATA 1Gbps COAX+PLC 1ETH+1SFP	8424450165850
769203	COAXDATA 1Gbps COAXIAL 1xETH.	8424450167724

Televes

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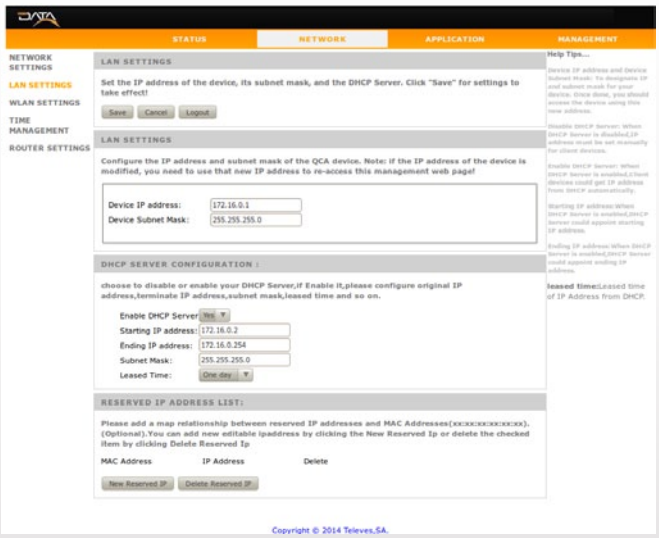
Main Features

- Fully compatible with all the CoaxData Gigabit range.
- Use up to **253 slaves** in a single network. All data is secured with encryption systems.
- WiFi 802.11bgn with MIMO 2x2 that supports up to **300 Mbps** in the 2,4GHz band.
- **3dBm** power emission when using the Low Power WiFi mode.
- **5 frontal status** LEDs.

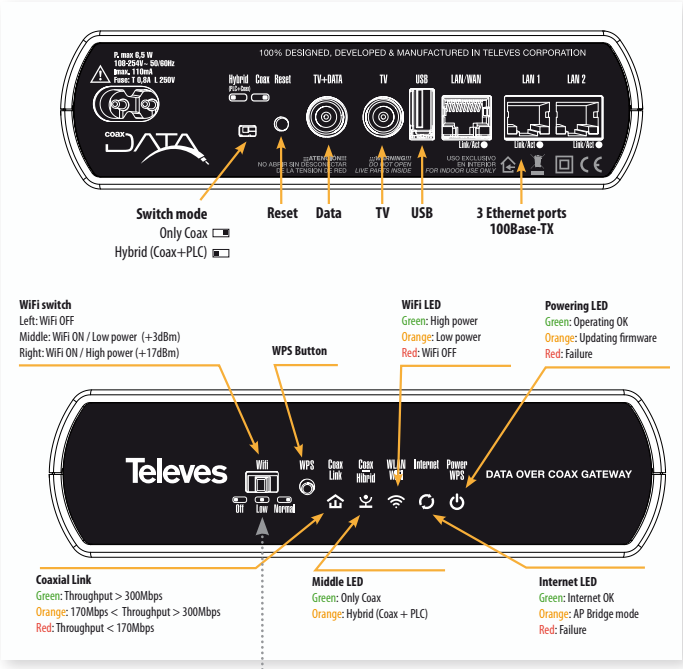
Technical Specifications

References		769301
Coaxial/Ethernet interface		
Connectors		2xF
Frequency range - Data	MHz	2...67,5
Frequency range - TV	MHz	87...2150
Max. attenuation	dB	85
Output level	dBµV	130
Spectral power density	dBm/Hz	-50
Coverage	km	0,3 PLC / 1,2 Coax
Data		
Ethernet connectors		3xRJ45 100/10Mbps. Auto MDI/MDIX
QoS		IGMP snooping, MLDv2, IGMPv3, IGMPv2
		Priorización VLAN IEEE802.1p
Standards		IEEE 802.11b/g/n IEE 802.3 10/100/1000BASE-T HomePlugAV IEEE P 1901
Devices per master		253
General		
Powering	Vac	108...254
Power (low consumption mode)	W	1,8
Dimensions (Wid x Hei x Dep)	mm	160 x 43 x 130
Protection Index	IP	20

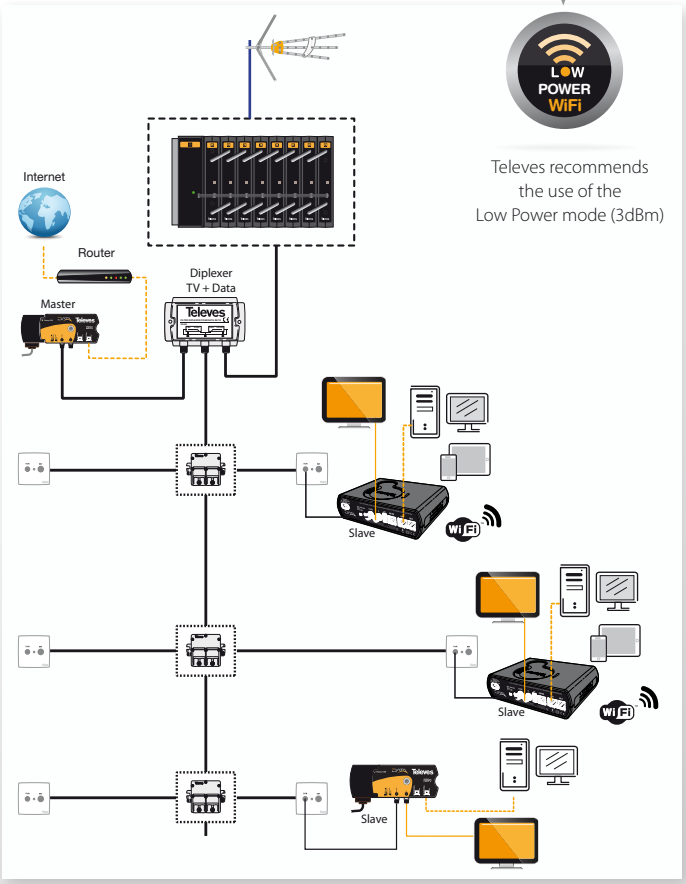
Web management tool



Description



Application example



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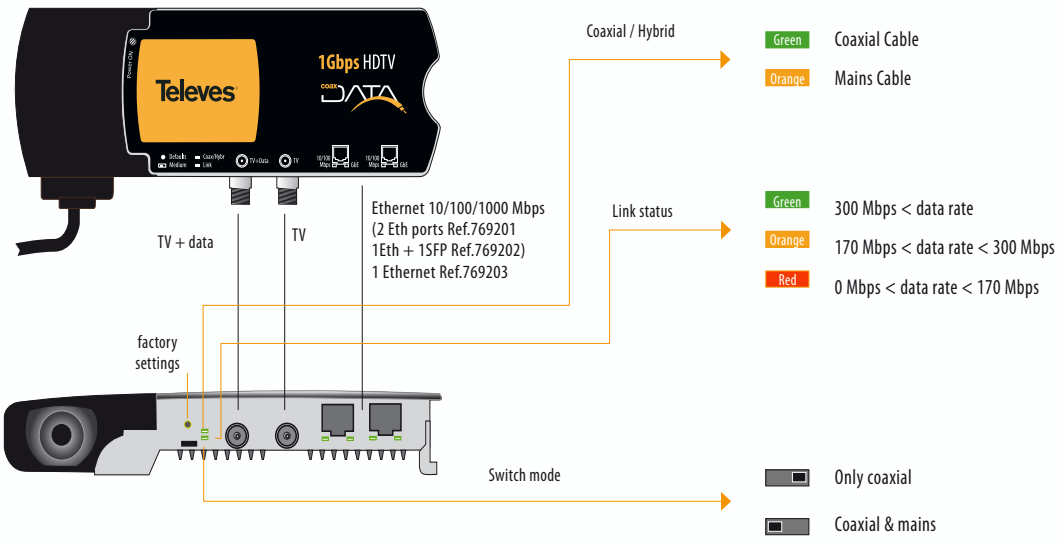
CoaxData 1Gbps Series

769201
HDTV coaxial + PLC
2 ETH connectors

769203
HDTV coaxial
1 ETH connector

769202
HDTV coaxial + PLC
1 ETH connector
1 SFP connector

CoaxData 1Gbps Description



WIRELESS ROUTER WITH LOW POWER WIFI MODE

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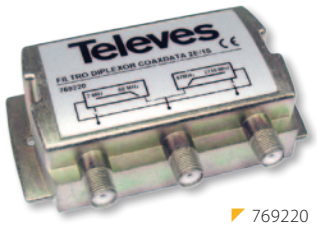
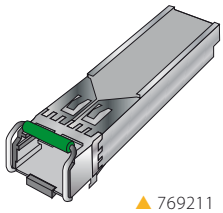
Technical features of CoaxData Gigabit (1 Gbps)

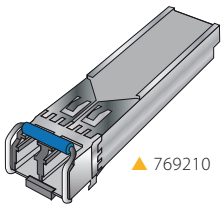
Reference		769201	769202	769203
Model		Gigabit (HomePlug AV IEEE1901)		
Connectors				
Data interface		2×RJ45	1xRJ45 + 1xSFP	1xRJ45
Ethernet ports	Mbps	10 / 100 / 1000		
Coaxial interface		2 × F (TV + data)		
Interfaz coaxial de datos				
Bandwidth	MHz	2 - 67,5		
Output level	dBµV	130		
Output impedance	Ω	75		
Maximum attenuation	dB	85		
TV coaxial interface				
Bandwidth	MHz	87 ... 2150		
Insertion losses	dB	2		
Return losses	dB	> 10		
Output impedance	Ω	75		
Powering/Temperature				
Mains (50/60 Hz)	Vac	108 -254		
Max. consumption	W	6 (1.8 in Low Power Mode)		
Working temperature	ºC	-10 a +45		
Firmware				
Max. No. of slaves	nº	253 (1012 using 4 masters)		
Max. long coaxial cable run	m	1200		



769220



769211



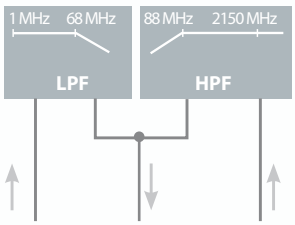
769210

Diplexer filter and accessories

REF.	DESCRIPTION	EAN 13
769220	DIPLEX.FILTER 2I/1O "F" 2..68- 87..2150MHz	8424450167205
769211	SFP EPON 1F.O.	8424450167182
769210	SFP 1000 Base-X 2 F.O.	8424450167175

BLOCK DIAGRAM

Ref. 769220



Passion for Quality

Product manufactured and verified in our robotized lines.