DataBox Management and Monitoring of network devices

All the network infrastructure, under control

This device is responsible for the management and monitoring of equipment used in network projects such as headends, switches, routers, ONTs, as well as devices from the WaveData, CoaxData, and FibreData series, among others. It includes a graphical web interface that provides access to its various features.

It is especially suitable for public and private network applications, such as in businesses, hotels, or campsites.

Ref.	768801
Logical ref.	DATABOX
EAN13	8424450212448

Packaging info

Box	1 pcs.

Physical data

Net weight	2,200.00 g
Gross weight	2,500.00 g
Width	210.00 mm
Height	45.00 mm
Depth	250.00 mm
Main product	2,000.00 g

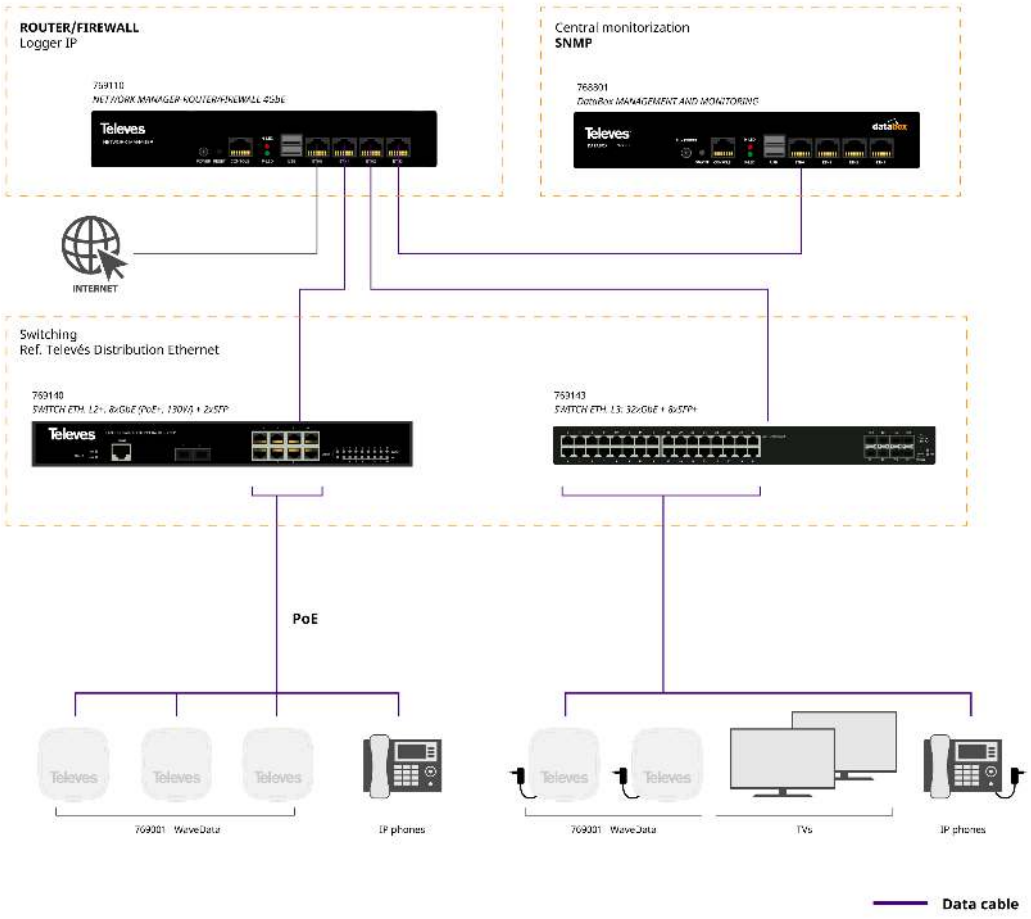
	weight

Highlights

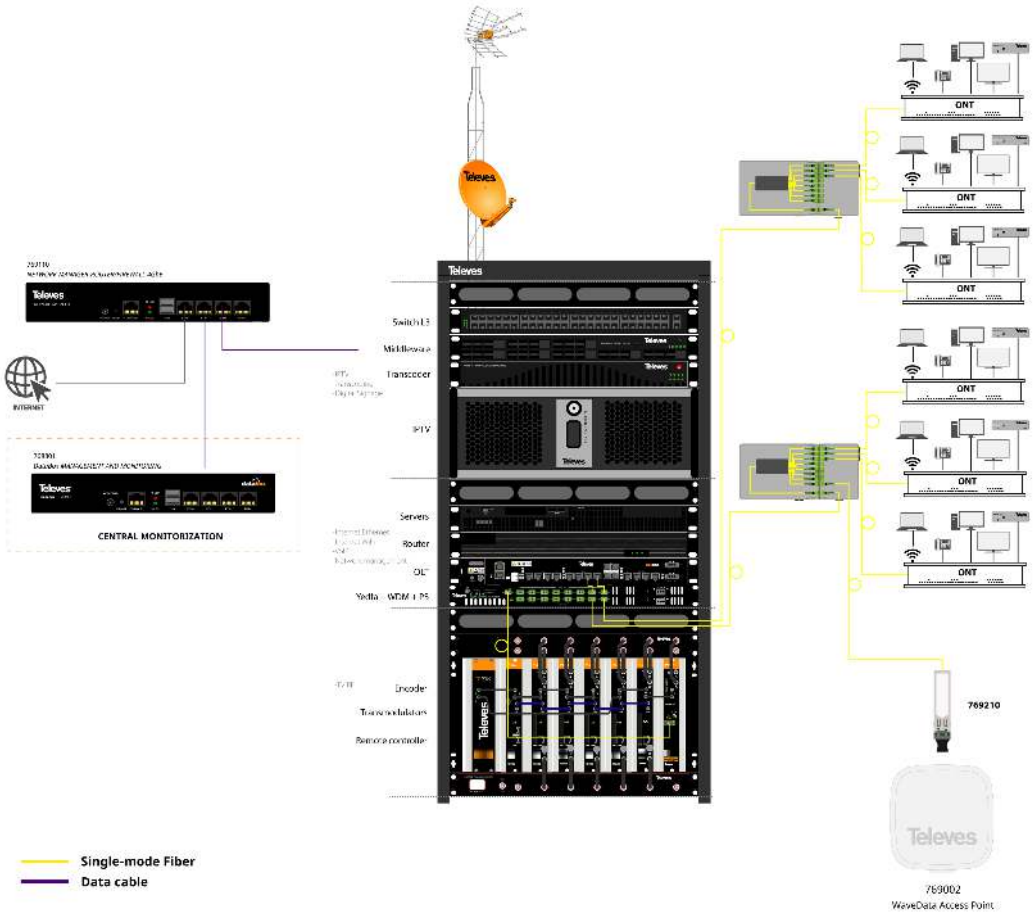
- Centralized monitoring on a single platform: detailed and real-time information on connected devices
- It allows rapid detection of failures and errors in the network
- SNMP protocol integrated
- Built-in FMT (FibreData Monitoring Tool) for easier supervision of GPON network equipment
- Logs and statistics consultation
- Bridging mode
- Indicated for Point-Multipoint GPON networks and Point-to-Point 1000Base-X networks
- Alert management
- 4x 1 GbE interfaces included
- User friendly web interface
- LED indicators
- Software based on Ubuntu Server
- 19" 1U Rack mount

Application example

Wired data network architecture.



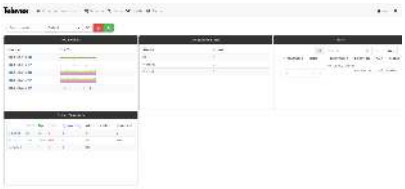
GPON installation: FTTR architecture that provides Quadruple play services (TV, Telephone, Data and WiFi) to the rooms.



Functionalities

Centralized network monitoring

Based on SNMP integration



This easy installation and configuration tool is oriented to supervise the network performing, find and resolve problems, as well as network planning growth(*).

Among its characteristics, we can highlight:

- Flexible alert system
- Installation on a Linux-based OS (LibreNMS)

- Intuitive addition and removal of network devices
- Simple management that does not overload the network
- Manager-Agent architecture

(*) Devices to be managed and monitored must include an SNMP agent to exchange data with the network management system.

Device management

Visualization of running processes and installed packages

This functionality is integrated in the DataBox device. With it, it is possible to see device initial information and manage the equipment, which will act as a management station. This Linux-based management server allows the managers to keep track of running processes and all details about installed packages, manage system log files, modify network interface configuration files, add firewall rules, set disk space monitoring, setting backup copy... all the actions for proper network performing.

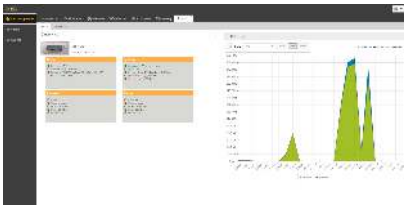
Detailed inquiries

Logs and statistics management

Thanks to this tool, managers can consult message resume, reports and functioning network statistics at any time. To access this functionality, it is necessary to open a web browser and use the host's IP address to obtain the starting DataBox web page.

Massive provisioning

WaveData and Coaxdata series configuration



With DataBox it is possible the massive configuration of WaveData and CoaxData devices, without complications or overloads. In addition, it helps managers to save considerable time when configuring the network and the associated devices.

Simplified control of the GPON network

Monitoring and management of all network elements

Integrates FMT (FibreData Monitoring Tool), a network management platform based on the FCAPS model (Fault, Configuration, Accounting, Performance and Security), which facilitates the monitoring of GPON equipment through multiple features, including the following:

- Monitoring service for the status of the elements that make up the network. It enables early detection of potential issues in the devices.
- Mass configuration of all GPON network elements, based on scripts and CSV files. Allows changes such as Wi-Fi settings, SIP extensions, etc.
- Scheduling of bulk updates/configurations for GPON network elements.