DataBox Management and Monitoring of network devices

Televes reserves the right to modify the product

All the network infrastructure, under control

This device is designed for the management and monitoring of network project devices, as headends, switches, routers, ONTs, in addition to the WaveData series and CoaxData series, among others. It is indicated for its application in private and public networks as companies, hotels or campsites.
It includes a graphical interface web that gives access to its different functionalities.

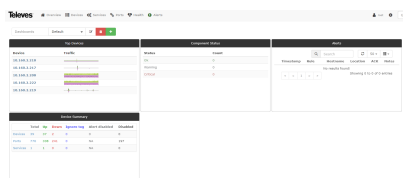| Ref.768801		
Art.Nr	DATABOX	
EAN13	8424450212448	

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
- 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

Functionalities

Centralized network monitoring
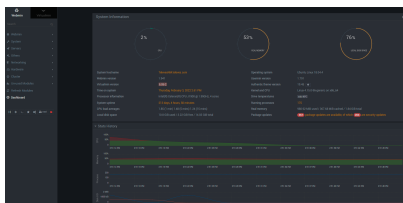Based on SNMP integration

This Device is able to manage and configured to his distributed an SNMP agent to exchange data within the network management system 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
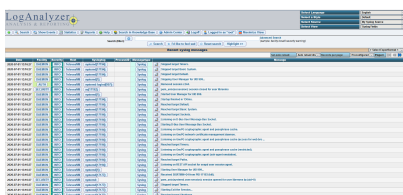
Device management
Visualization of running processes and installed packages

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.

Application example

ROUTER/FIREWALL
Logger IP

769110
NETWORK MANAGER-ROUTER/FIREWALL 4GbE

Central monitorization
SNMP

768801
DataBox MANAGEMENT AND MONITORING

INTERNET

Switching
Ref. Televés Distribution Ethernet

769140
SWITCH ETH. L2+: 8xGbE (PoE+, 130W) + 2xSFP

769143
SWITCH ETH. L3: 32xGbE + 8xSFP+

PoE

769001   WaveData

IP phones

769001   WaveData

TVs

IP phones

—— **Data cable**

Wired data network architecture.

https://www.televes.com

769110
NETWORK MANAGER-ROUTER/FIREWALL 4GbE

INTERNET

768801
DataBox MANAGEMENT AND MONITORING

CENTRAL MONITORIZATION

Switch L3
Middleware
·IPTV
·Transcoding   Transcoder
·Digital Signage

IPTV

Servers
·Internet Ethernet
·Internet WiFi
·VoIP   Router
·Network management
OLT

Yedfa + WDM + PS

·TV HF   Encoder
Transmodulators
Remote controller

ONT
ONT
ONT
ONT
ONT
ONT

769210

769002
WaveData Access Point

— Single-mode Fiber
— Data cable

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

https://www.televes.com

Technical specifications

CPU number of cores		4
CPU speed	GHz	2
RAM type		DDR3
RAM	GB	8
Number of HDD		2.0000
HDD type		SSD
HDD capacity	GB	64
Number of Gigabit Ethernet ports (10/100/1000BaseT)		4
USB port		USB 2.0
Number of USB ports		2
Display port		VGA
COM port		Serial console
OS		Ubuntu
Input voltage	Vac	100 ... 240
Mains frequency		50 Hz / 60 Hz
Output voltage	Vdc	12
PSU input voltage	Vac	100 ... 240
Operating temperature	°C	-5 ... 45

* The equipment can only be powered by one power source. External power supply not included.