



TAKES CONTROL

MANAGING AND MONITORING THE WHOLE COAXDATA NETWORK
FROM A SINGLE DEVICE



COAXBOX (REF.769330)

Equipped with the software required for CoaxData network management through a web interface

- CoaxData network provisioning
- Displays the status of each device
- Outstanding performance thanks to a powerful processor



INDOOR
USE ONLY



100%
RELIABLE



ABS
PLASTIC



LOW
CONSUMPTION



TAKES CONTROL

DESCRIPTION

The device includes the software required for CoaxData network management.

A powerful CPU allows the quick and efficient processing of the management and monitoring tasks.

CoaxBox includes the following applications:

- **AdminService:** for the configuration of the device itself.
- **AccessControl:** for CoaxData devices configuration.
- **CoaxProv:** for the provisioning of CoaxData devices equipped with MyNET WiFi (Ref. 769301).

Allows the setting of the operation mode and system parameters such as bandwidth and number of users.

Displays the status of each slave CoaxData, which helps in the identification and solution of any type of incident.

The self-provisioning option allows to set a default configuration to be uploaded to the devices upon reset.

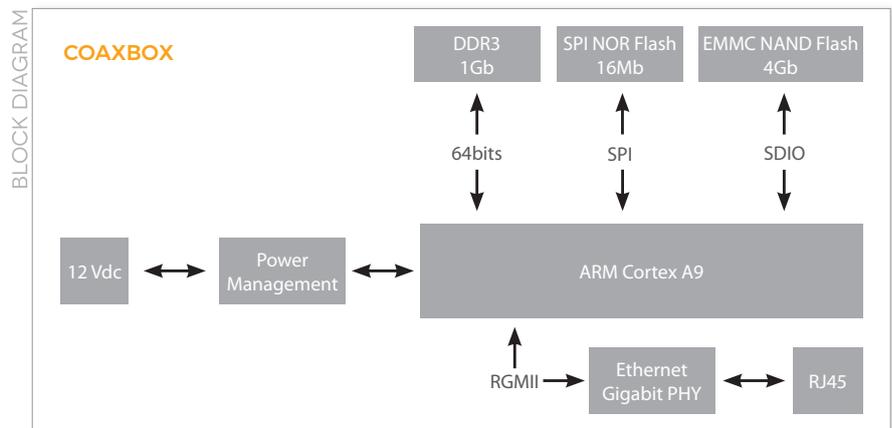


MAIN FEATURES

- **LLDP** (*Link Layer Discovery Protocol*), quick network scan for the detection of connected CoaxData devices.
- **SNMP** (*Simple Network Management Protocol*) report production and alarm generation.
- CoaxBox status LED.
- 4 Gb internal **eMMC memory** for data storage.
- Additional storage space can be provided by means of microSD.
- **TFTP server** for the firmware update of any device.
- The CoaxData Gateway firmware (Ref.769301) can be updated through a web interface.

HIGHLIGHTS

- **Manages and monitors CoaxData networks.**
- **Displays the status of each CoaxData device.**
- **Equipped with a self-provisioning function.**
- **Simple and intuitive web interface.**



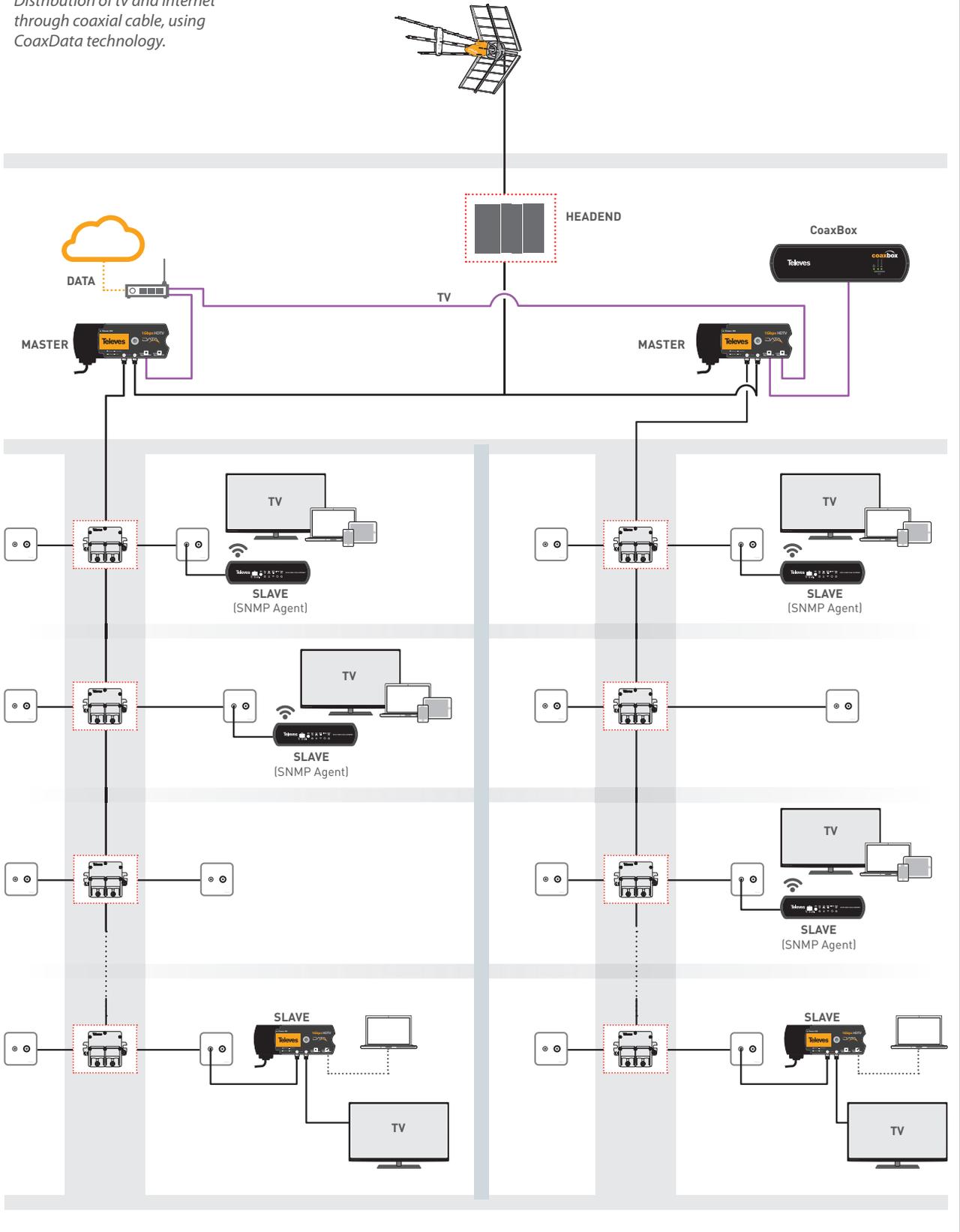
REF.	ART. NR	DESCRIPTION	EAN 13
769330	COXBOX	COAXDATA COXBOX	8424450189979

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APPLICATION EXAMPLES

COAXDATA NETWORK MANAGEMENT USING A COAXBBOX

Distribution of tv and internet through coaxial cable, using CoaxData technology.



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INSTALLED SERVICES

CONFIGURATION TABS

The configuration of the device itself is carried out through a web interface by using an IP address.

CoaxProv shows the status of the service.

The screenshot shows the CoaxProv web interface with tabs for DEVICES, DISCOVERY, and PROVISION. Under DEVICES, it displays 'CoaxProv: Interface: 0.0.0.0' with a warning that the interface address does not match any interface. It lists services: NMSLITED, PROVISIONTRAPD, MYSQL, WATCHDOG, TFTP, and DHCP. There are buttons for 'Start Discovery' and 'Reload'. An alarm status bar shows 0 INFO, 0 WARN, 0 ERROR, 0 CRITICAL, and 0 ACKNOWLEDGED. Navigation tabs at the bottom include DEVICES, GROUPS, WIFI, COAXIAL, STATUS, and ALARMS.

Information on all 769301 devices in the CoaxData network.

The screenshot shows a table of devices in the CoaxData network. The table has columns for Operation, IP, Description/Serial Number/MAC, Device Version, and Provision Info. A filter by Group is set to 'all'. The first device listed has IP 192.168.254.75, Description: Televs Labs, SN:000E7C17036C, MAC:00:0E:7C:17:03:6E, and Device Version: Fw:doc-wifi-hgw_v1.03.0010, Config Tag: default_cfg_v1.03.0010.

Information about: CPU, RAM, coaxial rates and WIFI (channel and power).

The screenshot shows the device status page for IP 192.168.254.148 (SN=000E7C171D40). It displays various metrics: CPU: 1%, Memory: 17%, Coax TX: 420 Mbps, Coax RX: 480 Mbps, and Wifi: Channel 11, Power +19dBm. Other details include Description: Televs Labs, Password: Televs1, Firmware: doc-wifi-hgw_v1.03.0011, Config Tag: br-wan-wifi-routed-with-tlv-T., and Config File: 000E7C171D40.db, last updated on Fri Jan 20 12:06:46 2017 (41.09 KBytes).

Shows all events generated by the system.

The screenshot shows the events log with a table of events. The table has columns for Source, Severity, Type, Date, and Description. There are 73 alarms and 1484 events. The events are filtered by Group: all, Source is: all, and Severity >=: all. The events include notifications, configuration updates, and errors.

Source	Severity	Type	Date	Description
192.168.254.136 SN:000E7C1735B4	INFC	NOTIFICATIONS	2017-01-20 15:24:42	Device 192.168.254.136 is reporting data
192.168.254.136 SN:000E7C1735B4	INFC	GET CONFIG	2017-01-20 15:24:24	Get 192.168.254.136 config OK. (Config Tag=br-wan-wifi-routed-with-tlv-T1484726947).
192.168.254.136 SN:000E7C1735B4	ERROR	GET CONFIG	2017-01-20 15:24:14	Fail to get 192.168.254.136 config. CRITICAL - Device is Down
192.168.254.136 SN:000E7C1735B4	ERROR	GET CONFIG	2017-01-20 15:17:08	Fail to get 192.168.254.136 config. CRITICAL - Device is Down
nmslited	LOG	SYSTEM MESSAGE	2017-01-20 14:58:41	Running maintenance on database OK

NOTE ABOUT CONFIGURATION:

Management: Management of the device (port: 15712)

CoaxProv: Device management Ref. 769301 (port: 15710)

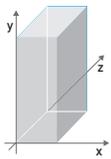
AccessControl: Coaxdata device management (port: 15708)

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TECHNICAL SPECIFICATIONS

CPU	Processor	Cortex A9 dual Core	
	DDR	1 GByte DDR3	
Memory	eMMC	4 GByte eMMC (solid-state drive)	
	Flash	16 MByte NOR SPI (Boot)	
Connectors	Power supply	RJ9 (12 VDC)	
	Ethernet	RJ45 10/100/1000 Base-T Ethernet. Auto Crossover	
	SD Slot	Micro SD connector	
LED			Power LED
			Internet connection LED
			Service LED
Access account	IP address	169.254.1.254	
	Root account	User	Root
		Password	76Coax93Box30
	Admin account	User	Admin
Password		Televes1	
Operating system	Linux	Linux Kernel 3.10.53 or higher	

GENERAL		
Power supply	Adapter	Input: 108 - 254 V~ 50/60 Hz Output: 12 VDC - 0,7 A
	CoaxBox	12 V 250 mA; 3 W
Operating temperature	°C	-5 ... +45
Weight	g	475
Dimensions (xyz)	mm	165 x 48 x 120



DESCRIPTION

FRONT VIEW

SD

- Power LED: On /Off
- Services LED: Green: Services OK, Red: Services Fall
- Internet LED: On: Internet OK, Off: Internet Fall
- Micro SD slot

SIDE VIEW

- 1 x Ethernet Port: 1000Base-TX
- Power Switch: On/Off
- Power RJ9: 12V, 250mA