



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.

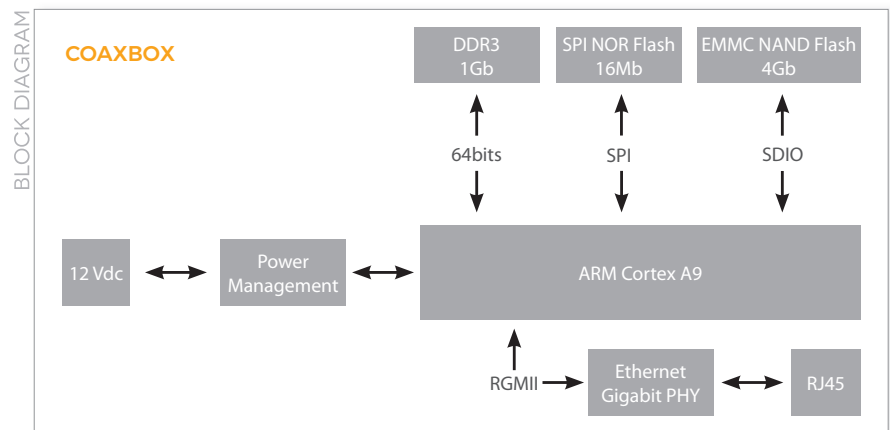


MAIN FEATURES

- **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.**



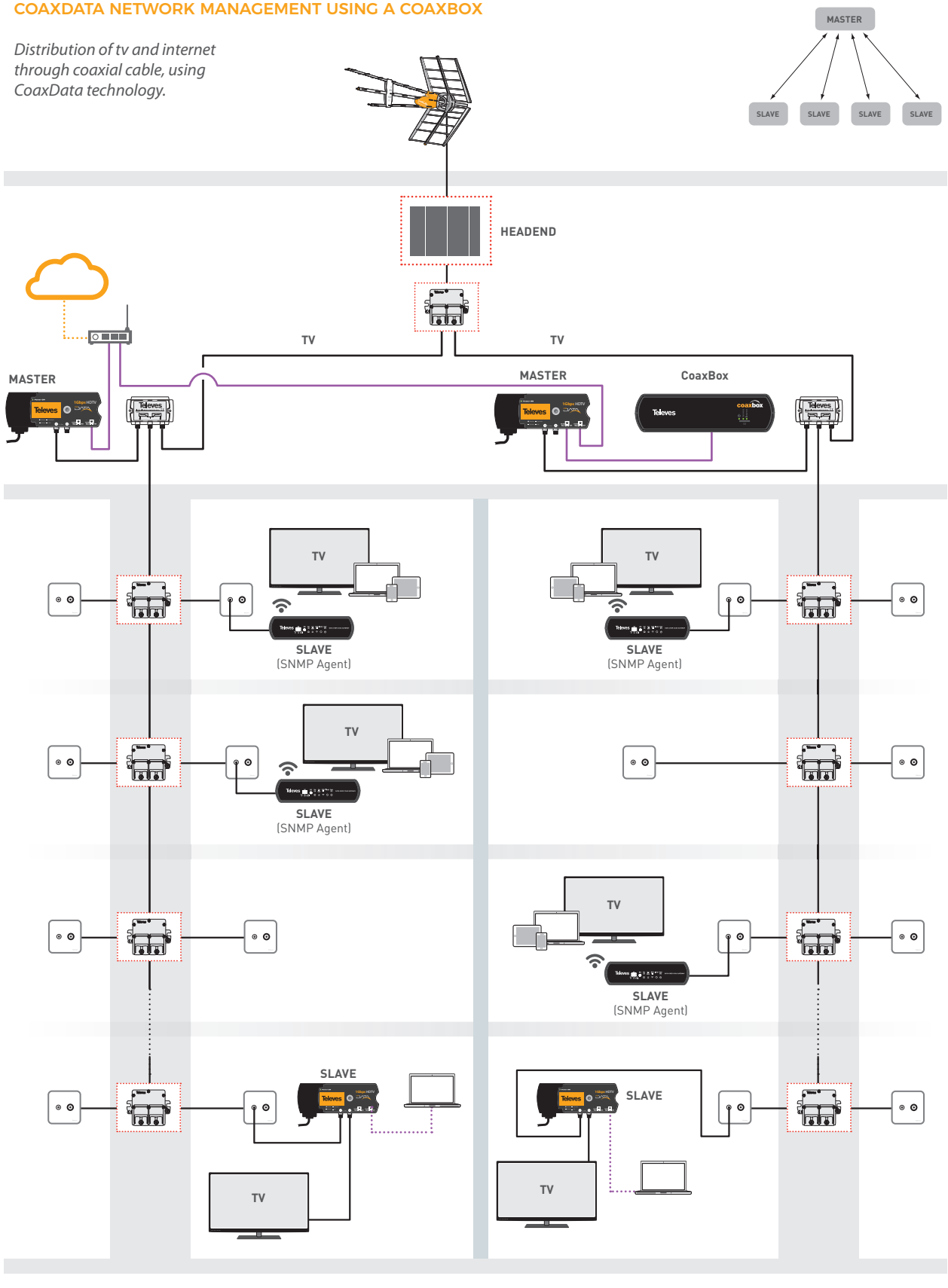
REF.	ART. NR	DESCRIPTION	EAN 13
769330	COAXBBOX	COAXDATA COAXBBOX	8424450189979

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APPLICATION EXAMPLES

COAXDATA NETWORK MANAGEMENT USING A COAXBOX

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



TAKES CONTROL

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. At the top, there are navigation tabs: DEVICES, DISCOVERY, and PROVISION. Below this is a 'DEVICE OPERATIONS' section. It displays the current interface as 0.0.0.0 with a warning that the address does not match any interface, and a link to 'Configure Provision Interface'. Services listed include NMSLITED, PROVISIONTRAPD, MYSQL, WATCHDOG, TFTP, and DHCP. An 'Alarms' status bar shows counts for INFO, WARN, ERROR, CRITICAL, and ACKOWN. A 'Start Discovery' button is present. At the bottom, there are more navigation tabs: 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 header indicates 'DEVICES (ALL 37/ONLINE 37/PROVISIONED 36/REPORTING 36)'. There is a 'Filter by Group' dropdown set to 'all'. Below the filter is an 'Operation' dropdown and a 'Go(0)' button. The table has columns for 'Operation', 'IP', 'Description/Serial Number/MAC', 'Device Version', and 'Provision Info'. One device is listed with IP 192.168.254.75, description 'Televs Labs', and various serial numbers and MAC addresses.

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

The screenshot shows the 'DEVICE STATUS' page for a specific device. It displays the device report status as 192.168.254.148 (SN=000E7C171D40) and the last report received on 'Fri Jan 20 12:06:31 2017'. The page includes several gauges: CPU (1%), Memory (17%), Coax TX (420 Mbps), and Coax RX (480 Mbps). There is also a Wi-Fi signal strength indicator showing '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).

Shows all events generated by the system.

The screenshot shows the 'EVENTS' page. It has links for 'All Alarms(73)' and 'All Events(1484)'. There is an 'Events Filter (1484)' section with dropdowns for 'Group' (set to 'all'), 'Source is' (set to 'all'), and 'Severity >=' (set to 'all'). Below this is a table of events with columns for Source, Severity, Type, Date, and Description. The table shows several events, including notifications and configuration 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)

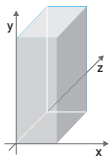
AccessControl: Coaxdata device management (port: 15708)

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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