Headend Controller (CDC) IP/3G

Device used for the remote control and monitoring of a T.0X Televes headend. The IP-network access methods are implemented using an Ethernet 10/100 Mbps interface. This device establish a connection with a Link server located in the Televes premises, which provides direct connection between installer and headend.

Ref.	555911
Logical ref.	CDC-IP/3G
EAN13	8424450197899

Packaging info

Box	1 pcs.

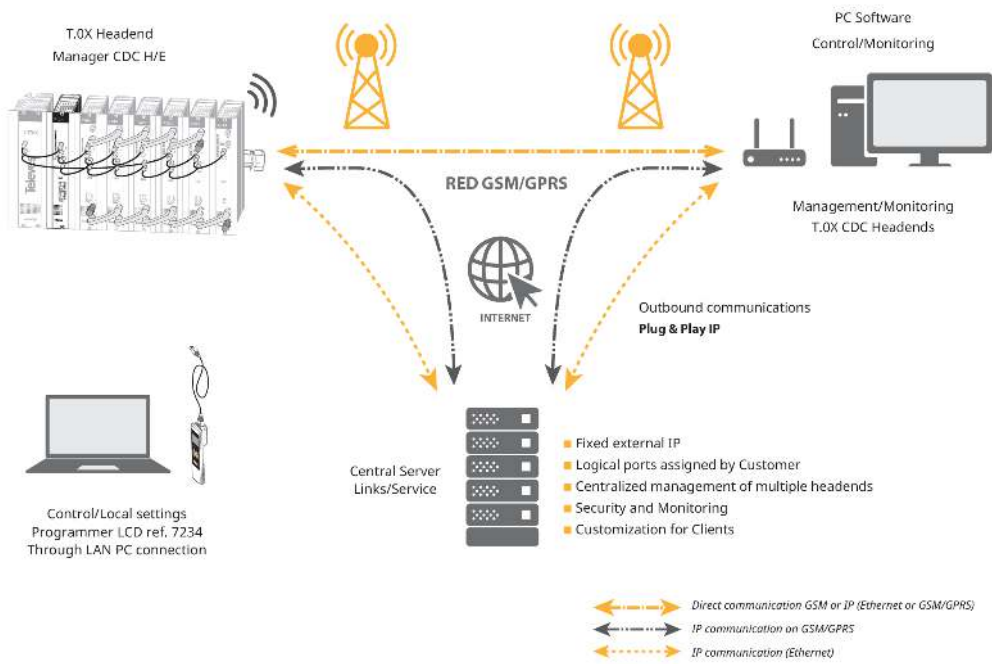## Physical data

Net weight	980.00 g
Gross weight	980.00 g

Highlights

- Headend management and control is carried out by a centralized service called "Televes Services". This portal is located in a Televes Server Centre accessible to the user through authentication

- Equipped with a RISC Microcomputer and GNU/Linux Operating System, which ensure reliability in interface, protocol and peripheral device management

Application example

T.0X Headend
Manager CDC H/E

PC Software
Control/Monitoring

RED GSM/GPRS

INTERNET

Management/Monitoring
T.0X CDC Headends

Outbound communications
Plug & Play IP

Control/Local settings
Programmer LCD ref. 7234
Through LAN PC connection

Central Server
Links/Service

- Fixed external IP
- Logical ports assigned by Customer
- Centralized management of multiple headends
- Security and Monitoring
- Customization for Clients

→ Direct communication GSM or IP (Ethernet or GSM/GPRS)
→ IP communication on GSM/GPRS
→ IP communication (Ethernet)

Technical specifications

CPU	Processor		ARM920T™
Memories	Type		8 MB Flash 64 MB SDRAM 128M x 8 bit NAND Flash Memory
Interfaces Connectors	T.0X powering	Vdc	24
	Interface		RS-485
	Interface		USB 2.0 Full Speed Host (12 Mbps)
	RJ45 connector		10/100 Base-T Ethernet
	RJ45 connector		Debugging / LCD programmer
Peripherals			Real Time Clock / Alarm
			Digital thermometer
Operative System			Linux Kernel 2.6.16
General	Powering	Vdc	24
	Consumption	mA	300
	Operating temperature	ºF	23 ... 113
	Protection index	IP	20