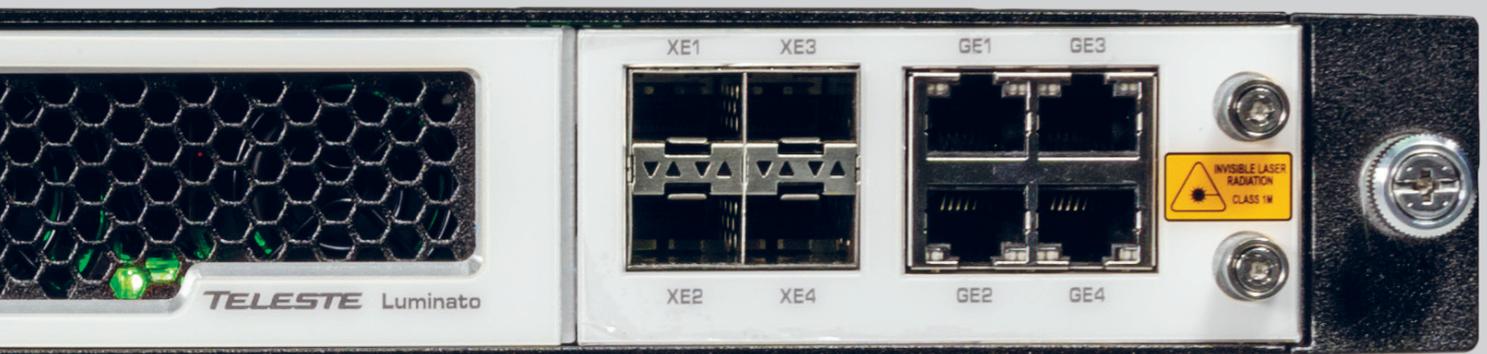


TELESTE
LUMINATO
4H



LUMINATO 4H DIGITAL HEADEND PLATFORM

TELESTE

FEATURES AT GLANCE

Teleste’s video headend products are renowned worldwide because of their quality, modularity, and live content-processing features. Our philosophy has been to design products that meet traditional broadcasting needs as well as needs of the hospitality sector operating networks found from hotels, ships, campus areas, hospitals, and many places where large MDUs require broadcast services. Luminato 4H has been designed to meet demands of the hospitality segment requiring compact but versatile solutions that fulfil customers’ quality expectations.

Luminato 4H and its predecessors are used worldwide to receive signals from satellite, terrestrial, cable and IP sources. Local content, streamed through dedicated hotel television channels, can be added to the broadcast bundle by using intuitive graphical user interface that can be used to manage the whole Luminato 4H quickly and precisely. The UI offers easy drag and drop functions and offers holistic view of the incoming and outgoing services.

Teleste Luminato 4H - A TV headend-in-a-box

.....
Receive, decode, manage and distribute all of your broadcast and local TV channels in one easy to use platform.
.....

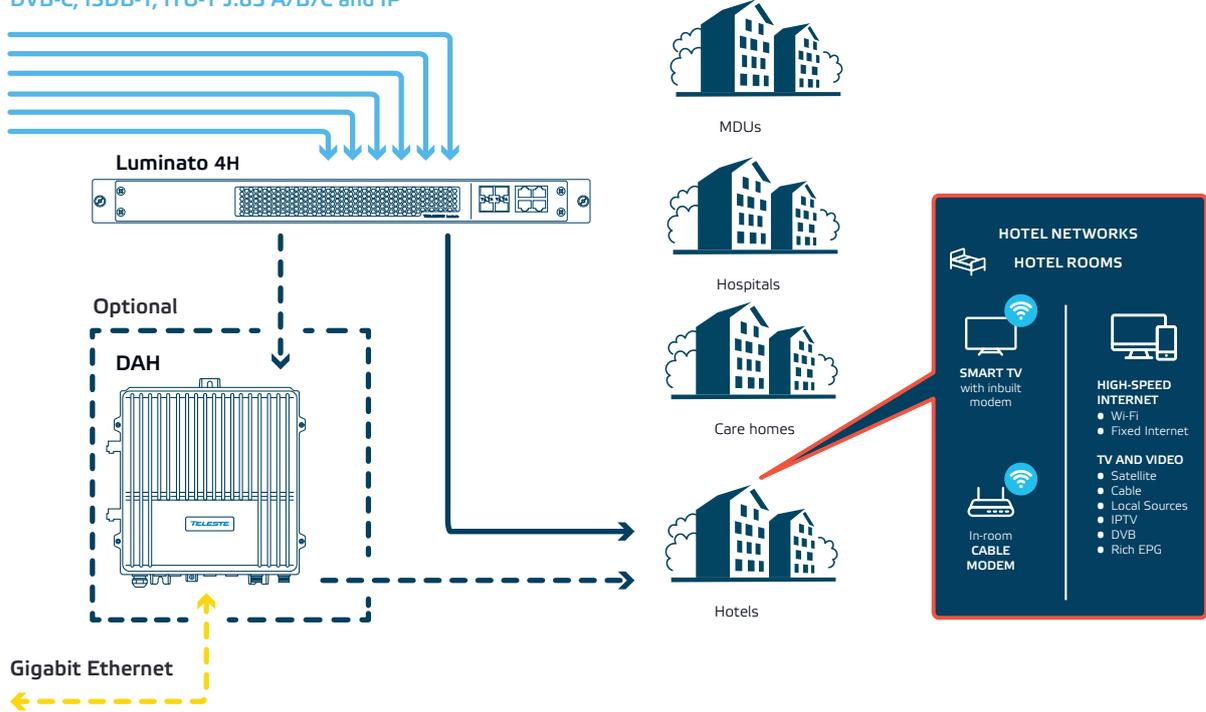


Highlights

- 4 x 10 GbE (SFP+) interfaces
- 4 x 1 GbE electrical (RJ-45) interfaces
- Predicted wire speed processing capacity
- 6 module slots for input, output, and processing modules
- Can host state of the art Luminato descrambling and streaming modules
- In-chassis demultiplexing allows the use of receivers for IPTV as well
- Top-notch cyber security functions
- Integrated Ethernet switch between all ports

Flexible technologies for delivering TV and rich media experience

DVB-S, DVB-S2, DVB-S2X, DVB-T, DVB-T2, DVB-C, ISDB-T, ITU-T J.83 A/B/C and IP



The latest Linux operating system with top-notch cyber security functions

In-chassis demultiplexing license allows the use of receivers for IPTV streaming

4*10 GbE SFP+ & 4x1 GbE/100 Mbps (RJ45) interfaces



Integrated Ethernet switch between all ports (10GbE, 1GbE)

6 slots for input, output, and processing modules

All modules are hot swappable

Outputs: Cable (DVB-C), various terrestrial formats over cable (DVB-T/T2, ISDB-T), IP, ASI

TELESTE LUMINATO 4H

CHASSIS	
Mounting	19" rack mountable, 1RU Installation rails for easy installation
Interface modules	6 slots for hot swappable processing modules
Cooling	Hot swappable fans
Operating voltage	100...240 V AC 50/60 Hz, -48 VDC
Power consumption	Max. 225 W/fully occupied chassis
Dimension (h x w x d)	1U x 19" x 20" (500 mm)
Operating temperature	-10...55 °C (14...131 °F) ambient
Relative humidity	Up to 90% (non-condensing)

MANAGEMENT INTERFACES	
Four 100/1000 Base-T	For local/remote management and monitoring
USB	For initial setup

STREAM INTERFACES	
Four 10 Gbps SFP+/SFP slots	Supports electrical and optical modules

MANAGEMENT AND MONITORING	
Web user interface	
CLI (telnet/ssh, USB-serial)	
SNMP monitoring	
TFTP file transfer	
API, machine to machine interface for integration purposes	

CODES	
Number (N) of output services over IP (LNC-H-DEMUX N)	
LNC-H-DEMUX 30	Luminato 4H chassis, 4x1GB, Output: max 30 services, a separate power supply module needed
LNC-H-DEMUX 60	Luminato 4H chassis, 4x1GB, Output: max 60 services, a separate power supply module needed
LNC-H-DEMUX 100	Luminato 4H chassis, 4x1GB, Output: max 100 services, a separate power supply module needed
LPW-A-AC	Luminato AC power supply module, input: 110...240 VAC, power: 240 W
LNCKEY-H-DEMUX	Can be used to turn LNC-H-DEMUX 30 to LNC-H-DEMUX 60 or LNC-H-DEMUX 60 to LNC-H-DEMUX 100



TELESTE CORPORATION
www.teleste.com

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