WISI GI5420 ABR

INCA 5420 ABR Packager & Origin Server

ELPAS

Description

The WISI Inca Multiscreen Package & Origin 5420 is a carrier-grade live streaming packager and origin server for high value Internet video services. It segments and packages multiple streams into the most popular adaptive bitrate protocols. The platform supports HTTP Dynamic Streaming (HDS), HTTP Live Streaming (HLS) and Dynamic Adaptive Streaming over HTTP (DASH) and comes with an ABR Packager and Origin Server. New at IBC, the WISI Inca 5420 is the first product to be enhanced by software from WISI's Katamaran multiscreen & OTT solution, more than tripling the 5420's performance from previous benchmarks.

At a glance:

- Multi-screen packager
- Multi-screen origin server
- Adaptive bitrate (ABR) streaming
- HLS - HTTP Live Streaming
- VidiOSTM Stream Analysis

Technical data

Technical data	
VidiOS™ intelligent transport stream monitoring	
Source Streams	100x ABR Bitrate Profiles (MPEG-2 Transport Streams) HD & SD MPEG-4 AVC (H.264) Video Payload AAC (LC or HE) Audio Payload Multiple Frame-Aligned Adaptive Bitrate streams per program Multicast/Unicast UDP IP
Analysis	MPEG-2 Transport Stream View; Thumbnail Images; Transport, Program and Individual PID Bit Rates; Transport Stream Peak and Average Bit Rates; Multiplex, Program and Individual PID Error Detection
Multi-Screen Delivery	
Playlist	Drag and Drop Playlist Builder Downloadable Playlist and Stream URLs 1800 Simultaneous Clients @3 Mbps
Delivery	Playlist and Segementation for delivery to ABR-capable Set-top Boxes, TVs, Smartphones, Tablets
Protocols	HLS Version 3
Management	
User interfaces	Powerful VidiOS™ Web Based User Interface SNMP Trap Forwarding, LCD Panel
Stream Monitoring	Inca All Seeing Eye Probe Capability Included
Network Interfaces	
Management	1000 Base-T
Secundary network	Up to 7x 1000 Base-T for Video; Stream Up to 900 Mbps per GigE Interface; Optional 2x 10 Gb SFP+
General data	
Power supply	Dual Redundant Hot Swap
Supply voltage	100...240 V AC (50/60 Hz)
Power consumption	typ. <120 W
Montage	19", 4 Post Rack, 1 RU, Slide Rails Included
Dimensions (width x height x depth)	431 x 44 x 468 mm (19" x 1,75" x 18,4")
Weight	7 kg (15,4 lb)
Operating temperature range	0...40 °C
EMC Standards	FCC Part 15 Class A
Safety standards	UL60950-1
Material Standards	RoHS

Packaging data

Packaging data	
Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	mm
Packaging volume sales unit	dm³
Gross weight sales unit	kg
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	dm³
Gross weight shipping unit	kg
EAN	4010056744519
Article number	74451
Customs tariff number	85176200