

INCA 5420

MULTISCREEN PACKAGE & ORIGIN

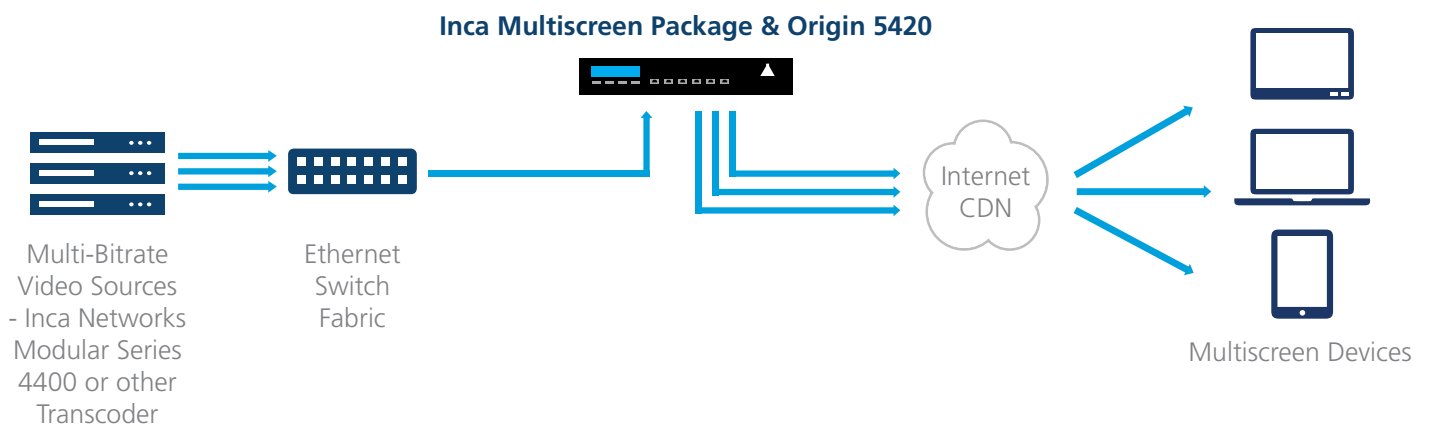


Affordably and reliably package and deliver over-the-top adaptive bitrate (ABR) video to multiscreen devices



- Multiscreen Packager
- Multiscreen Origin Server
- Adaptive Bitrate Streaming
- HLS, HDS, MPEG-DASH
- VidiOS™ Stream Analysis

The 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 multiscreen protocols and serves them to downstream client services.



Inca Multiscreen Package & Origin 5420 Applications

- Reach large numbers of subscribers using the 5420 as an origin server to feed a cache or a content delivery network
- Stream live content directly to multiscreen subscribers in a campus or smaller network setting
- Enjoy powerful VidiOS™ analysis of inbound streams, with video thumbnails, stream capture and download, and extensive statistical analysis
- Combine with Inca's 4400 Modular Series and 8VSB or ASI Receiver front-end modules to efficiently receive and transcode off-air or satellite sources and deliver them to multiscreen devices
- Stream over-the-top to set-top boxes, TVs, smartphones and tablets using HLS, HDS and MPEG-DASH
- Efficiently create content packages using the 5420's drag-and-drop playlist builder



Affordable. Reliable. Easy to Use.

HEADEND **Inca 5420**
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Technical Specifications

VidiOS™ Intelligent Transport Stream Processing

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 Bitrates
Transport Stream Peak and Average Bitrates
Multiplex, Program and Individual PID Error Detection

Multiscreen Delivery

Playlist Drag and Drop Playlist Builder
Downloadable Playlist and Stream URLs
1800 Simultaneous Clients @3 Mbps

Delivery Playlist and Segmentation for Delivery to
ABR-capable Set-top Boxes, TVs, Smartphones, Tablets

Protocols HLS - HTTP Live Streaming
MPEG-DASH
Adobe® HDS
MPEG-TS

Management

User Interface
Stream Monitoring

Network Interfaces

Management
Secondary Network

Power

Type
Input
Power

Physical

Mounting
Dimensions
Weight
Operating Temperature

Regulatory Compliance

EMC Standards
Safety Standards
Material Standards

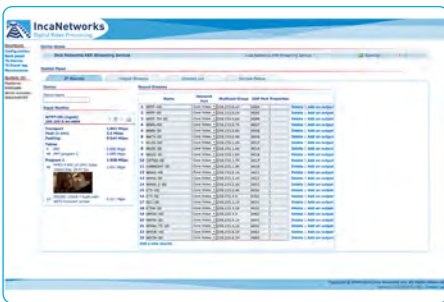
Powerful VidiOS™ Web-Based User Interface
SNMP Trap Forwarding, LCD Panel
Inca All Seeing Eye Probe Capability Included

1000 Base-T
Up to 7x 1000 Base-T for Video
Stream Up to 900 Mbps per GigE Interface
Optional 2x 10 Gb SFP+

Dual Redundant Hot Swap
100 ~ 240 VAC @ 50 - 60 Hz
<120 W Typical

19", 4 Post Rack, 1 RU
Slide Rails Included
431 x 44 x 468 mm
19" x 1.75" x 18.4"
7 kg / 15.4 lb
0 ~ 40 C

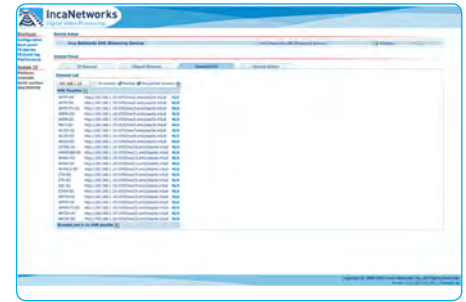
FCC Part 15 Class A, CE
UL60950-1
RoHS



IP Sources



Output Streams



Channel List

Visit the product page for full size screen captures and videos

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