WISI | **INCA** IP VIDEO PLATFORM

✔ Visual monitoring of all headend streams

✔ Video thumbnail mosaic with dark mode option

✔ Efficient troubleshooting with visual highlighting

✔ Email notifications when alarms occur and clear

✔ Monitor locally and remotely using any web browser

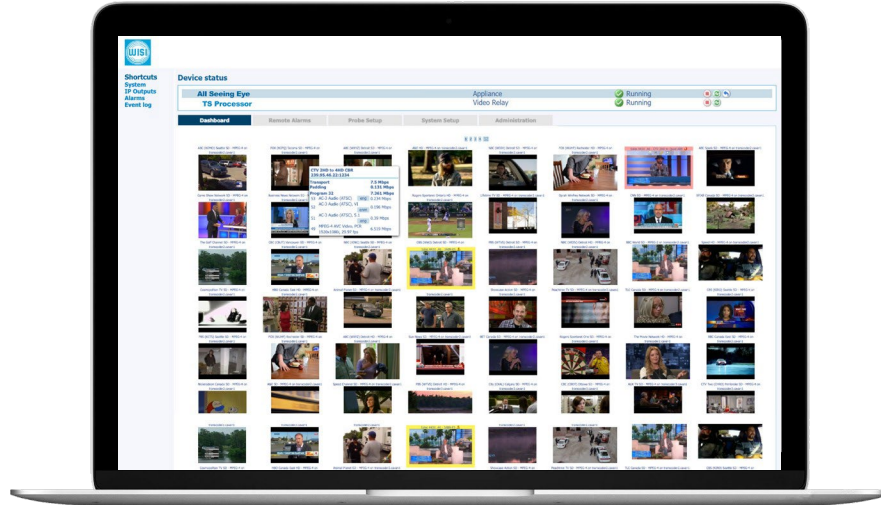✔ Detailed transport stream statistics - PIDs, payload, bitrates
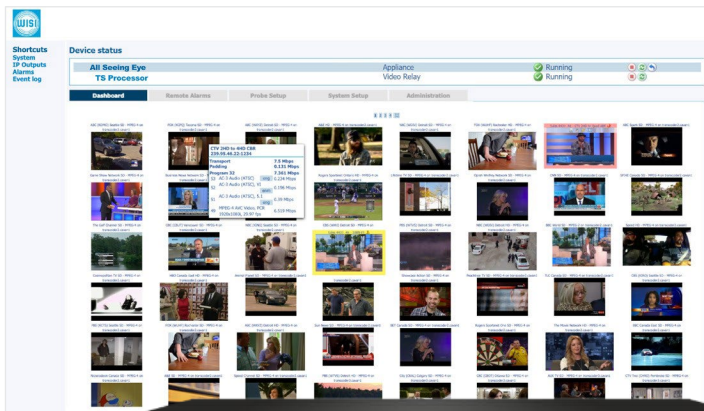
Confidence monitoring of all headend video streams, including streams from 3rd party vendors

Sophisticated visual mosaic powered by VidiOS™ web-based user interface

Compatible with the WISI's intelligent headend product family: Inca, Tangram and Chameleon

Applications

✔ Monitor all video services easily with dark or light mode visual mosaics on wall-mounted displays or on-the-go with a laptop or tablet

✔ Expedite communication with content providers with click-of-a-button full frame and stream sample downloads

✔ Monitor video streams from 3rd party equipment affordably using Inca, Tangram or Chameleon

✔ Enjoy powerful VidiOS™ troubleshooting tools with video thumbnails, detailed stream statistics, including PID and payload details, warnings and errors

Discover stream impairments quickly with alerts - configurable email notifications, color-codedhighlighting of video thumbnails and a centralized event log

Troubleshoot streams efficiently by tracing impairments through the network with easy click-through to remote system management interfaces

Group channels into user-defined views to monitor specialized subsets such as Pay-per-view, HD tier, or test channels

Efficiently Troubleshoot Streams With Intelligent Video Monitoring

Technical Specifications

VidiOS™ Intelligent Transport Stream Monitor

Input	IP video from remote probe management network interfaces Probe capability is included in Inca, Tangram and Chameleon headend video platforms
Stream Analysis	MPEG-2 transport stream structure and display Click to download 10-second stream sample for offline analysis* Transport, program and Individual PID bitrates Transport stream peak and average bitrates Multiplex, program and individual PID error detection

Display

Display Modes	Web-based interactive user interface Full screen passive mosaic wall mounted display
Mosaic Features	Mosaic of remote video thumbnail images with stream statistics Visual remote alarm highlighting Single-frame capture and download Click through from thumbnail to remote system management interface Light or dark mode options
Remote Alarm Rollup	Remote probe transport stream alarms in one place Click through from alarm to remote system management interface

Network Interfaces

Management	1000 Base-T
Secondary Network	4x 1000 Base-T

*Available for Inca product family only

Management

User Interface	Powerful VidiOS™ web-based user interface Rapid configuration via automatic detection of VidiOS™ streams Drag and drop mosaic builder Manage multiple channel groups
Email Notifications	Email sent when alarms occur and when alarms clear Filter by alarm types and set duration threshold Option to send daily bitrate snapshot email

Power

Type	Dual redundant hot swap
Input	100 ~ 240 VAC @ 50 - 60 Hz
Power	<200 W Typical

Physical

Mounting	19", 4 post rack, 1RU Slide rails included
Dimensions	438 x 44 x 525 mm 19" x 1.75" x 20.7"
Rack Rail Depth	620 - 805 mm 24.4" - 31.8"
Weight	15 kg / 33.1 lb
Operating Temperature	0 ~ 40 °C

Regulatory Compliance

EMC Standards	FCC Part 15 Class A
Safety Standards	IEC/CSA/UL 62368-1