



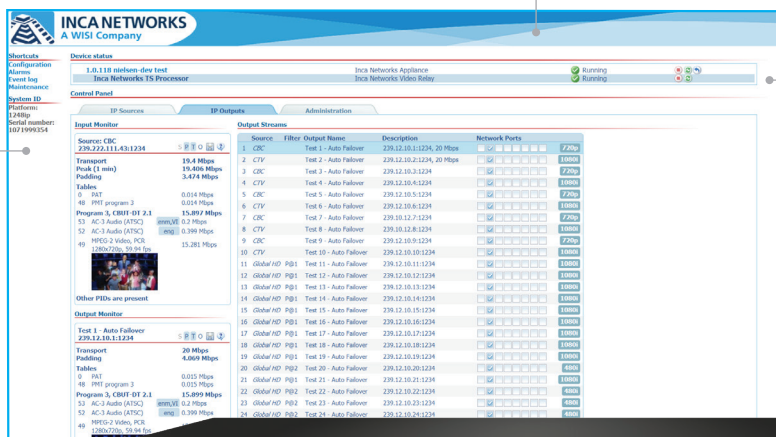
# Inca Borderguard 1248

## Secure IP Video Transport Solution

- ✓ Deliver Secure Video Wholesale
- ✓ Mirror Streams on Multiple Interfaces
- ✓ Auto Failover to Backup Streams
- ✓ Maintenance Bypass of Scramblers
- ✓ VidiOS™ Stream Analysis
- ✓ Monitor Video Thumbnails

Securely transport video to or from wholesale partners, broadcasters and neighboring video operators.

Serve multiple sites with unique channel lineups - authorize or remove individual channels in seconds.



Powerful alternative to limited layer three multicast routing.



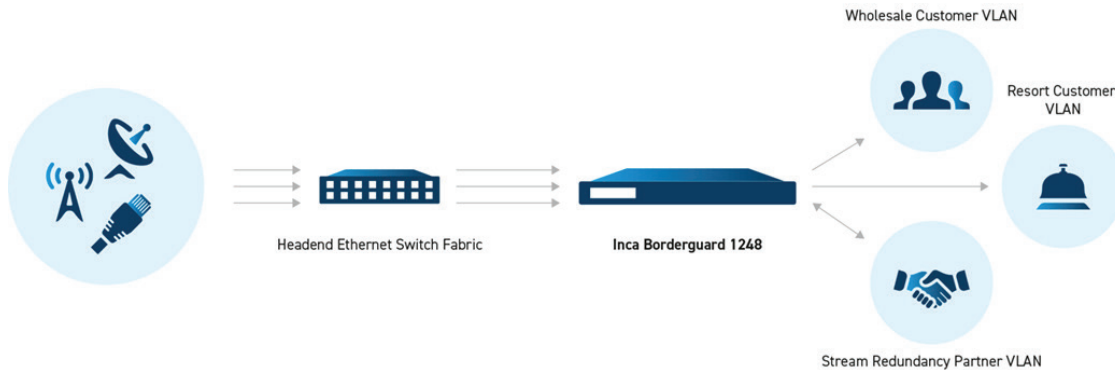
Automatically switch to an alternate source when a program is encrypted or feed is interrupted.

### Applications

- ✓ Easily and securely bridge live single program transport stream (SPTS) video across up to seven physical networks or VLANs, as unicast or multicast streams.
- ✓ Leverage your headend investment by transporting wholesale video to remote sites, such as neighboring video operators and resorts.
- ✓ Serve multiple sites with unique channel lineups, enjoying a la carte program selection via checkboxes to authorize or remove individual channels in seconds.
- ✓ Add a new FTTH network using encrypted streams already available in your headend IP video network.
- ✓ Minimize programming disruptions during maintenance by bypassing processing stages, like encryption systems, with mirrored output addresses.
- ✓ Create program redundancy through collaboration with neighboring headends; always have a backup available in case of local outages.
- ✓ Enjoy powerful VidiOS™ management and troubleshooting tools with inbound and outbound video thumbnails, stream capture and download, extensive statistical analysis and stream logging.
- ✓ Automatically switch to an alternate source when a program is encrypted or a source feed is interrupted.

## Deliver Secure Wholesale Video to Multiple Remote Locations

Up to 96 SPTS Inputs From Up To 7 Different Network Segments · Output SPTS Content To 4 Different Network Segments



### Technical Specifications

#### Video/Audio Input and Output

MPEG-2 Transport Stream from/to any Video Port
HD & SD, MPEG-2, MPEG-4 AVC, & HEVC Payload
Input Multicast/Unicast UDP IP
Output Multicast/Unicast UDP IP or RTP+FEC

#### VidiOS™ Transport Stream Processing

Input 48x SPTS from any Video Port
License upgradeable to 96x SPTS from any video port
Output 4x copies of any input stream to any video Port

#### Automatic Service Failover

Automatically fail over to backup source
Automatically recover to primary source
Monitor up to 6 parameters in primary source
User configurable parameter and duration thresholds

#### Management

<b>User Interface</b>	Powerful VidiOS™ web-based user interface
SNMP Trap Forwarding, LCD Panel	

#### Network Interfaces

<b>Management</b>	1000 Base-T
<b>Video</b>	7x 1000 Base-T, 4x 1000 Base-T + 4x SFP Optional
<b>NIC Redundancy</b>	LACP, Active Failover, Round Robin

#### Power

<b>Input</b>	100 ~ 240 VAC @ 50 ~ 60 Hz
<b>Power</b>	< 120 W typical
<b>PSU</b>	Redundant Hot Swappable

#### Physical

<b>Mounting</b>	19" 4 Post Rack, 1 RU (Slide Rails Included)
<b>Dimensions</b>	431 x 44 x 468 mm 19" x 1.75" x 18.4"
<b>Rack Rail Depth</b>	558 - 927 mm 22" - 36.5"
<b>Weight</b>	7 kg / 15.4 lb
<b>Operating Temperature</b>	0 ~ 40 C

#### Regulatory Compliance

<b>EMC Standards</b>	FCC Part 15 Subpart B Class A CAN ICES-3A/NMB-3A
<b>Safety Standards</b>	CSA/UL 60950-1, 2nd Ed. 2011-12-19

To arrange an online demonstration or discuss your project, send a request to [sales@incanetworks.com](mailto:sales@incanetworks.com)