

IXG Cloudbridge

Internet Exchange Gateway Server

The IXG Cloudbridge Server provides an ideal solution for delivering high-quality contribution video over unmanaged IP networks. With the proliferation of greater Internet access bandwidth, broadcast professionals have a viable economical alternative to transporting video over higher cost dedicated managed IP links or fiber optics.

The IXG Cloudbridge Server can also utilise Forward Error Correction (with IXG-FK-FEC feature key) which allows for a seamless error-free delivery of audio and video streams over any network that is not optimized for media

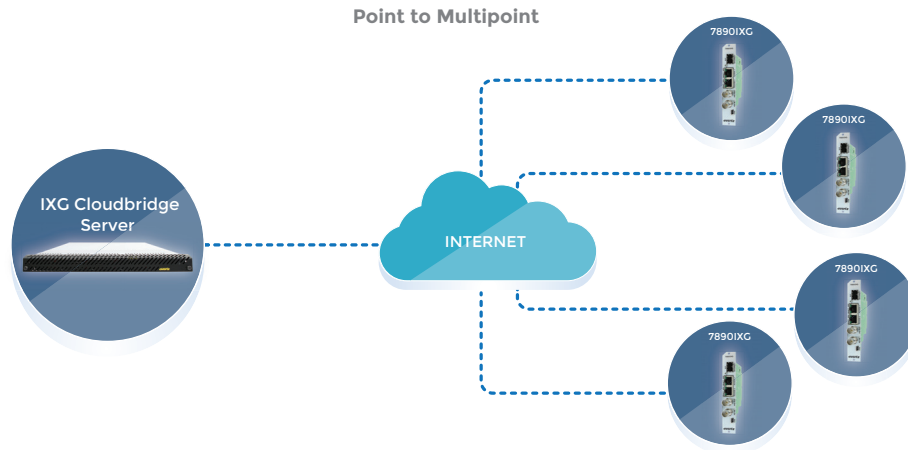
transport. For streaming security the IXG Cloudbridge is capable of AES128 encryption of streams (with IXG-FK-E128 feature key).

In addition to an onboard web interface, the IXG Cloudbridge Server is VistaLINK® PRO capable, offering remote monitoring, control and configuration capabilities via Simple Network Management Protocol (SNMP). This offers the flexibility to manage operations, including signal monitoring and module configuration from an SNMP-capable NMS.



► Features & Benefits

- Broadcast-quality transport over unmanaged IP networks
- Advanced rate control for maximum link utilization
- Forward Error Correction available (with IXG-FK-FEC)
- Stream secured using high-strength encryption (with IXG-FK-E128)
- Fast media services launch
- Transmit or receive transport streams on a per-license basis
- Compatible with cloud services server to send streams to multiple IXG clients
- Low cost media contribution over unmanaged IP networks
- Cloudbridge up to 50 streams
- Cloudbridge is high-density 7890IXG with all its features
- Fast deployment of ad hoc media services
- Redundant power supply chassis
- 1RU rack-mounted



► Specifications

Inputs & Outputs:	4x RJ-45 10/100/1000 GbE I/O for MPEG-2 TS over IP	Network Interface:	Standard: Ethernet 10/100/1000 Base-T IEEE 802.3ab standard for 1000Mb/s	Network Management:	Control: HTTP web browser true SNMP with VistaLINK® PRO
Hardware:	Memory: 16GB Hard drive: 2x HDD RAIDED Ethernet: 4x Intel 1GbE ports	Connector:	RJ-45	Electrical:	AC Input: 100-246V, 50-60Hz Power: 500W
		Monitoring:	Signal Detection: Signal Presence Detection Error Notification: HTTP web browser status page SNMP trap notification	Chassis	Form Factor: 1U rack mount

► Ordering Information

IXG Cloudbridge Internet Exchange Gateway Server

Rear plate must be specified at time of order (Eg. Model +3RU).
Multiple licenses can be ordered depending on quantity required.

Ordering Options:

IXG-FK-E128 Encryption of the stream using AES128
IXG-FK-FEC Forward Error Correction option
+FEC50 Forward Error Correction on 50x streams
+ENC50 Bulk encryption server license — ability to add encryption to up to 50x independent IXG streams

+IX50T

Bulk transmit server license — ability to transmit up to 50x independent TX IXG streams
Bulk receive server license — ability to receive up to 50x independent RX IXG streams

+IX50R

Licenses:
7890IXG-CK-T
7890IXG-CK-R
IXG-SERV

Single 7890IXG transmit license for sending a single source
Single 7890IXG receive license for receiving a single source
Internet Exchange Gateway server software — one RX input replicated up to 50x TX outputs
License for in-band tunneling

+DATAT