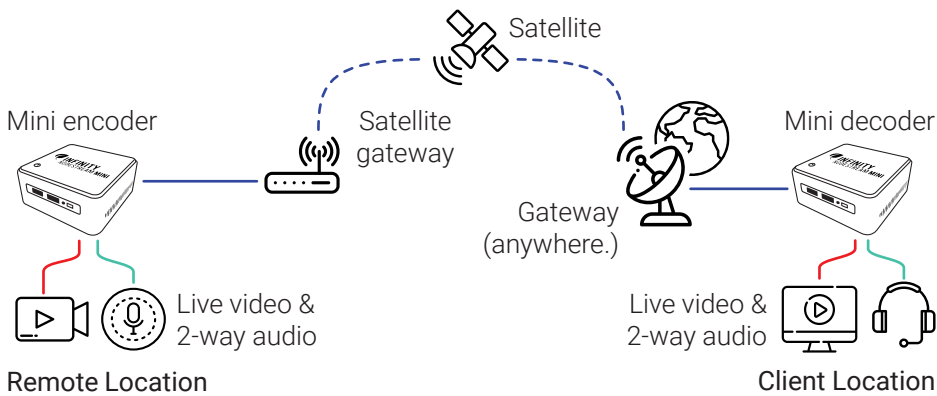


LIVE VIDEO, AUDIO AND DATA STREAMING






Live video streaming enabling remote operations over satellite connections anywhere in the world with point-to-multipoint, low bandwidth, low latency, secure connections.

The Nodestream Mini provides the ability to encode a single channel of SD/HD video and a single dedicated audio channel over satellite, and, securely decoding the stream conveniently at the clients desired location.




As part of the Infinity suite, the Nodestream Mini is complimented with Nodecom compatibility and seamless connectivity to the Wearwolf real-time wearable system.



INFINITY NETWORK DIAGRAM

-  Ultra-low bandwidth including “on the fly” adjustment
-  Real-time monitoring of bandwidth utilisation and latency
-  Streaming capability 1 x 60fps 1080p, and crystal clear audio
-  Point-to-multipoint technology
-  Encrypted & secure satellite connections Anywhere.

SD Video/Audio Stream over Satellite

-  Harvest Infinity UDP Subsea / Low Turbidity 128 kb/s
-  Harvest Infinity UDP Surface / High ROC 512 kb/s
-  Web Video (e.g. Netflix) Surface / High ROC 1.1 Mb/s





PRODUCT SPECIFICATIONS.

REMOTE FEATURE SET

- HDMI video input (SDI and composite inputs available with additional hardware)
- Dedicated audio communications channel
- Extremely simple user interface
- SD / HD options , configurable on-the-fly
- On-the-fly option to direct all available bandwidth to a single stream or share between the quad video channels
- Ultra low bandwidth H265 stream (64kb/s - +5Mb/s bitrate)
- Error corrected video 30% packet loss tolerance

PRIMARY FEATURE SET

- On-the-fly bandwidth and latency adjustment
- Real-time monitoring of bandwidth utilisation and latency
- System capable of single channel at 60fps and 1080p
- Flexible system with easy to add and remove equipment
- Control via Infinity Tablet enables instant redirection of encoded video streams to any decoder on the network
- Extremely robust error correction
- Decoder stream forwarding
- Proprietary protocols
- Extremely compact design

ADDITIONAL TECHNICAL SPECIFICATIONS

- Size dimensions (mm) - W 115 H 51 D 111
- Weight (kg) - 0.7
- Ports - HDMI/Ethernet/USB/Thunderbolt™ 3/ DC Power Connector (12-19V)
- Power requirements - 100-240VAC, 50-60Hz
- Typical power usage (W) 25 / 90 max

Harvest Infinity has developed proprietary software algorithms that allow the secure encrypted transfer of data, including high definition video and audio, from offshore or remote locations via satellite at much lower bandwidths than previously possible. This represents a significant technological advancement towards allowing secure high quality, real time voice, video and data transfers from remote locations.