



Strongbow™ Video Transport System



The Low Cost Solution

The MemoryLink Strongbow Video Transport System provides a high quality, low latency, affordable solution for video compression and transport across wired and wireless Ethernet devices. Strongbow's near DVD quality video and CD quality audio, coupled with a latency of only 100ms, delivers unparalleled video quality for the price point. Memorylink Strongbow transport is IP-based, so it can be routed through your network.

Designed For Wireless

Strongbow uses a patented, proprietary algorithm to encode and decode video, audio and related data streams in real-time to deliver full color, high quality full motion images. Unlike standards-based video protocols, the MemoryLink system is optimized for wireless transport. It provides dynamically variable or constant bit rates up to 8.5Mbps, with frame rates of 1-to-30 frames per second.

Strongbow Gets Smarter Over Time

With MemoryLink's exclusive Malachi™ architecture, Strongbow's hardware becomes interactive, reprogrammable and reshapable—enabling scalability and greater dimensionality. Strongbow is superior to competitive technologies that have built in



Strongbow- Video Transport System

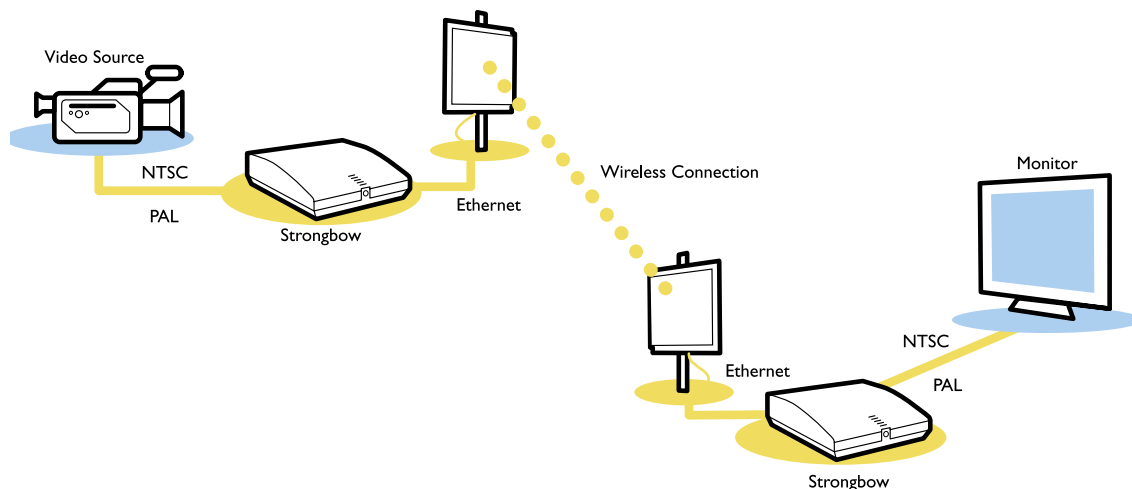
- Video surveillance
- TV Broadcast
- Video/audio distribution with low latency
- Distance learning
- Telemedicine

obsolescence and delivers a far greater value over silicon-based circuitry.

Easy Setup And Configuration

Strongbow accepts composite video or S-video, stereo and mono audio. Strongbow encodes and decodes this data and streams it via full duplex Ethernet. Control and set-up information is accomplished via an on-board web server that can be accessed remotely via a network connection. The level of video quality is user defined by selecting the packet size and frames per second to be transported. The bandwidth requirement is directly proportional to the quality level selected.

Typical Deployments



LAN Interface

- Type - 10/100 Base T; Auto-negotiation
- Connector - RJ-45

WAN Interface

- Type - 10/100 Base T; Auto-negotiation
- Connector - RJ-45
- Bandwidth Requirements - User selectable from 500k to 8.5MB

Management

- Protocol - HTTP - Telnet - CLI
- Interface - 10/100 Base T, CONSOLE port RJ-45 to Serial
- Upgrade capabilities - Downloadable

General

- Power in - Power over CAT5 on LAN port
- Power out - Will supply power over CAT5 on WAN port
- Protection - Lightning and power protection on every port

Video Interface

Connector
Connector

NTSC

- S-Video
- BNC (Male)

PAL

- S-Video
- BNC (Male)

Audio Interface

Connector
Connector

- RCA Style
- Stereo and Mono

- RCA Style
- Stereo and Mono

Mechanics

- IDU - Indoor unit
- Physical - Width 5 1/2 inches X Height 2 1/4 inches X Length 7 inches
- Weight - 13 ounces
- Material - ABS (Acrylonitrile Butadiene Styrene) enclosure

Environmental

Operating Temperatures - Industrial temperature rated: -40 to +85 degrees Celsius

Standards

- FCC approval Title 47 Part 15, subpart B, Class A devices
- CE approved

For more information, please call:
1-866-398-4336 or 847-259-9680
www.memorylink.com

Strongbow, and MemoryLink are trademarks of MemoryLink
©2004 MemoryLink
v101804



MemoryLink
36 Jewelers Park Drive
Neenah, WI 54957