**Product description:**

- **Enterprise-class router,** integrating mixed format video and audio routing, multiviewer functionality, mux/demux, frame sync and advanced I/O options such as MADI and fiber in a 28RU or 15RU frame.
- **Highly scalable routers,** with independent signal paths and crosspoints for mixed-signal routing (SD, HD, 3 Gb/s and audio), with up to 256x256 video in 15RU (max 512x512 discrete stereo/audio).
- **Mid-scale routing** with independent signal paths and crosspoints for mixed-signal routing and audio routing, with max 72x64 video in 5RU (144x128 discrete audio) and max 128x128 video in 9RU (256x256 discrete audio).
- **Affordable small to midsize utility routers** in four frame sizes, supporting matrices from 16x16 up to 256x256 and 512x512 discrete stereo/audio.

**Ideal for:**

- For operations of any size, with seamless on-air expansion:
  - Up to 288 x 512 video in a single 15RU frame
  - Up to 576 x 512 video in two interconnected 15RU frames
  - Up to 576x1024 video in a single 28RU frame
  - Up to 1152x1024 video in two interconnected 28RU frames
  - Over 2000x2000 video matrices are supported with multiple 28RU frame configurations

**Applications & Solutions:**

- **Mobile Production**
- **Sports and Live Events**
- **TV Studio Production**
- **Facility Signal Distribution**
- **Channel Playout**

**Market Segments:**

- **TV Broadcasters**
- **TV and Cable Networks**
- **Mobile Production**
- **Sports & Live Events**
- **Network Operators**
- **Enterprise, Education & Government**

**Magellan**

**Fast, powerful and highly customizable panels to control Imagine Communications or third-party routing systems, multiviewers and processing equipment, with fast setup and intuitive, web-based configuration.**