FOR SALE:

Used Harris Platinum MX 3G 9RU video and audio matrix

Up to 128 x 128 video in 9 RU possible
Mixed signal routing HD, 3G and audio
Independent signal paths and crosspoints for video and audio

80 Inputs and 88 Outputs + 2x AES Input and 2x AES Output cards included
3x RCP control panels and distribution cables included

Matrix coming with the following cards included:
1x PM-128x129-3G9 cross-point module for 9RU
1x PT-SYNC control module
1x PT-RES resource controller module
10x PM-HS-IB+ 8x 3G / HDSDI / SDI / ASI input board
11x PM-HSR-OBG+ Platinum 8 3G/HD/SD/ASI out with options and back panel
2x PM-AEBT-IB balanced digital AES audio inputs module
2x PM-AEBT-OB balanced digital AES audio outputs module
1x PM-ATDM16-X9 TDM cross point module for 16 slots audio
4x power supply for 9 RU frame
2x RCP 32 LCD control panel
1x RCP 48 LCD control panel
All distribution cables as visible on the pictures

All equipment and cards tested and working – in top condition

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Technical Specification:

HD DIGITAL OUTPUTS (PT-HSR-OBG+)

Number of Outputs	8
Output Connector	BNC, 75 ohms per IEC 169-8
Impedance	75 ohms
Signal Type	SMPTE 424M, SMPTE 292M, SMPTE 259M, SMPTE 344M, DVB-ASI Other <1 V pk-pk digital signals, 3 Mb/s to 3 Gb/s
Reclocking	Automatic for 2.970 Gb/s, 2.967 Gb/s, 1.485 Gb/s, 1.4835 Gb/s, and 270 Mb/s Bypass for all other rates between 3 Mb/s and 3 Gb/s
Output Amplitude	800 mV pk-pk ±10%
DC Offset	0 V ±0.5 V
Rise/Fall Times	400 ps to 1500 ps, for SMPTE 259M data rates <135 ps, for SMPTE 424M and 292M data rates
Overshoot	<10% of amplitude

BALANCED DIGITAL AUDIO OUTPUTS (PT-AEBT-OB)

Number of Outputs	16
Output Type	Balanced, transformer coupled
Output Connector	DB-25
Impedance	110 ohms
Signal Type	AES3 AES frame rates from 32 to 192 kHz Other 40% to 60% duty cycle digital signals from 2 to 25 Mb/s
Output Amplitude	5 V pk-pk ±1 V into 110 ohms load
DC Offset	0 V ±0.05 V
Rise/Fall Times	5 to 30 ns
Propagation Delay	<170 ns

PM-128x128-3G9	Platinum MX 128x128 cross-point module for 9RU

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Mixed-signal routing (SD, HD, 3 Gb/s and audio):
Up to 72x64 video in 5RU (up to 144x128 discrete stereo/audio)
Up to 128x128 video in 9RU (up to 256x256 discrete stereo/audio)

Independent signal paths and crosspoints for video and audio

Optional eight-channel frame sync input card for wild feed ingest and audio shuffling, as well as demultiplexing of up to 16 channels of embedded audio in each video stream

Modular I/O in groups of eight provides support for either coaxial or fiber connectivity

Front-loading, hot-swappable modules for 24/7 operation

Redundant power supplies, controllers and signal paths:
Mux/demux audio processing support
Mux/demux 16 channels of audio per video stream
Full mono breakaway audio routing support
Seamless integration between demultiplexed and discrete audio
Multiplex 16 channels of audio into each video output

Enhanced control and monitoring:
Wide range of hardware control panels
Powerful control integration for easy setup and configuration
Software and web-based applications with user-configurable GUIs
Protocol support for Magellan CCS™, SNMP and third-party vendors
Secure access rights with restrictions by level, source and destination

Video routing support:
1080p (3 Gb/s) signal routing (any size)
Almost any digital video signal from 3 Mb/s to 3 Gb/s including: HD-SDI, SD-SDI, ASI, SMPTE 310, SMPTE 305, etc.
SMPTE-compliant analog video supported via conversion to/from SD-SDI on I/O

Discrete audio routing support:
Digital audio signals including balanced and unbalanced AES
Analog stereo/mono audio via conversion to/from AES on I/O modules
Support for up to 16 embedded AES streams per video input
"Quiet switch" with transitions

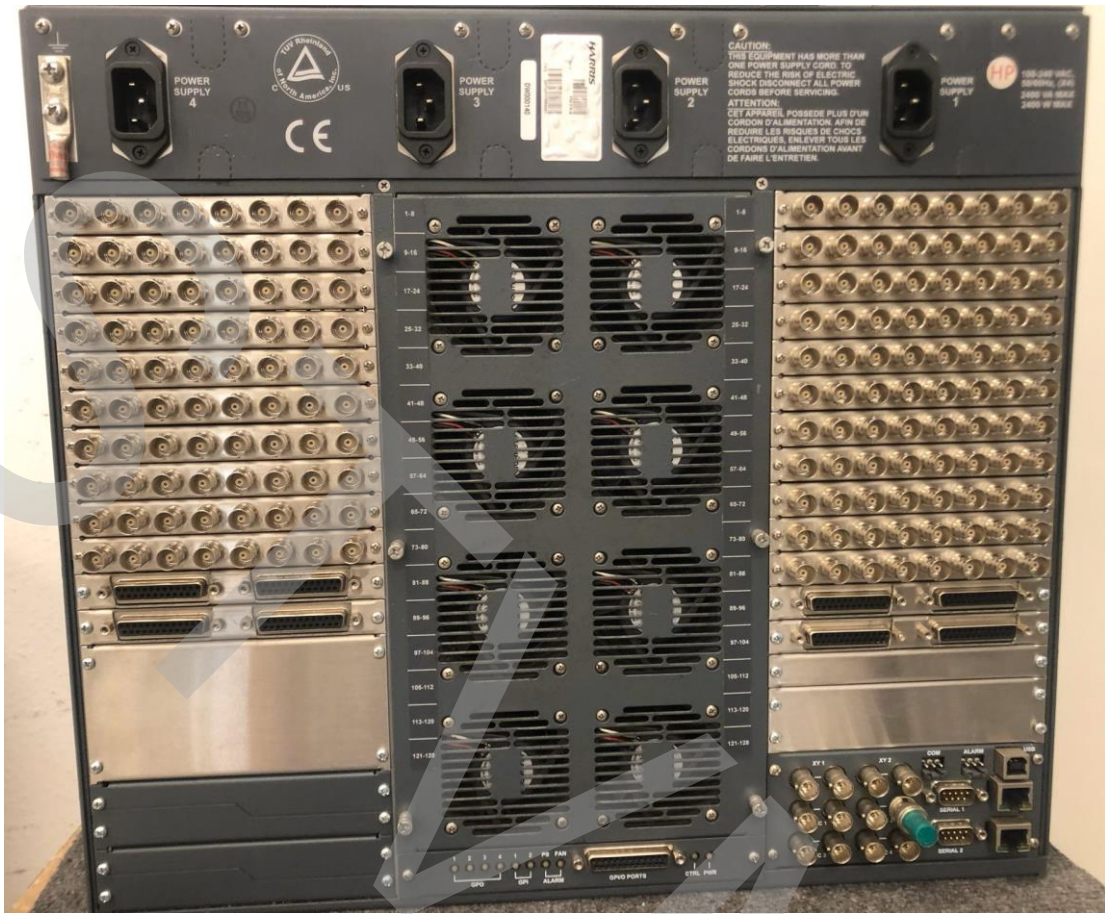For sale: Used Harris Platinum MX 128 x 128 3G video and audio matrix

Pictures of the Equipment:

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