

A · C · U · I · T · Y IP™



IP Production Switcher without Compromise.

AcuityIP | Interface Solutions

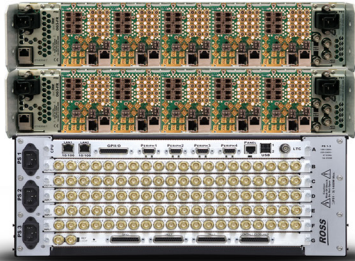
Acuity, the world's most powerful production switcher, is available with AIMS-compliant IP options to interface to standards-based SMPTE ST 2110 and ST 2022-6 infrastructures. This allows Acuity to seamlessly integrate with modern IP facilities. By specifying the IP input/output option, there is no compromise on I/O capacity, and all input and output processing features are retained, including AuxKeys, HalfME, Frame Syncs, Format Converters, HDR processing and input multiviewers.

AcuityIP interfaces with industry-standard control solutions, ensuring clean integration into your overall production workflow solution. Connectivity to COTS IP fabric is provided via standard 10GbE SFP+ or 100GbE QSFP28 interfaces.

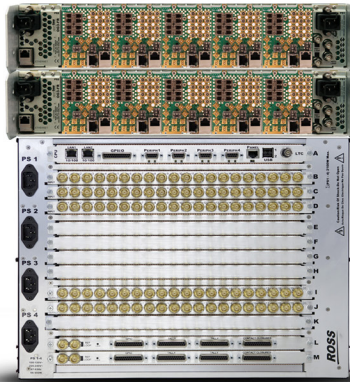
FEATURES

- Robust IP Interface built upon Raptor EDGE technology
- SMPTE ST 2110 and SMPTE ST 2022-6 support
- Open control brings freedom of choice to use your preferred control system, including seamless integration into the Ross control ecosystem and 3rd-party systems via:
 - NMOS IS-04/IS-05
 - EmBER+
 - Published JSON API
 - Ross' DashBoard™
- Audio and video SMPTE ST 2059 alignment and synchronization, and to video production engine
- No loss of switcher I/O capacity and I/O processing capabilities
- Includes everything required to interface Acuity to COTS IP fabric
- Intelligent integration of IP metadata into switcher setups and user interface
- Each input and output may be independently configured for SDI or IP interfaces, ideal for hybrid applications and low-cost monitoring

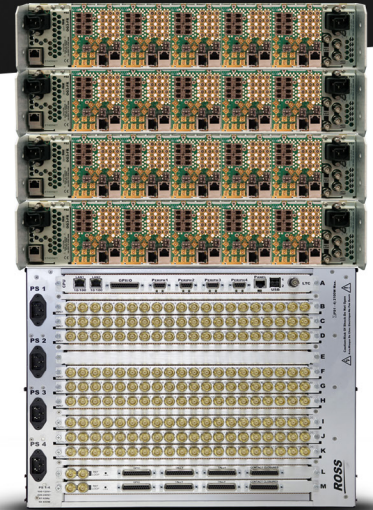
AcuityIP | Packages



ACU4-IPIO60



ACU8-IPIO60



ACU8-IPIO120

PACKAGE	ACU4-IPIO60 ACU4-MP-IPIO60 ¹	ACU8-IPIO60 ACU8-MP-IPIO60 ¹	ACU8-IPIO120 ACU8-MP-IPIO120 ¹
# INPUTS	60	60	120
# OUTPUTS	40	40	60
TOTAL SIZE ²	8 RU	12 RU	16 RU
IP INTERFACE	20 x 10GbE or 2 x 100GbE	20 x 10GbE or 2 x 100GbE	40 x 10GbE or 4 x 100GbE

¹ ACUx-MP-IPIO options include: Input Multiviewer, Format Conversion, Frame Sync, Proc Amp and Color correctors with HDR processing.
² Size includes switcher frame and IP Aggregation Modules.

AcuityIP | Specifications

VIDEO FORMAT SUPPORT

- 720p 50 / 59.94 / 60
- 1080i 50 / 59.94 / 60
- 1080p 50 / 59.94 / 60
- 2160p 50/59.94 Quad Link 2SI

IP INTERFACE STANDARD SUPPORT

- SMPTE ST 2022-6, -7
- SMPTE ST 2110-10, -20, -30, -31, -40
- AES67
- PTP (IEEE-1588 / ST 2059)

IP INTERCONNECT

- 100GbE or 10GbE Ethernet connections
- Support for redundant IP core connection

CONTROL AND SETUP

- Full integration of IP stream IDs with switcher mnemonics
- Gateway setup via Ross DashBoard
- NMOS IS-04, IS-05 and IS-06
- RAVENNA Session Announcement, Discovery, and Registration
- Native EmBER+ integration for control from popular VSM routing controller

