

Digital Specifications

Digital Video Specifications

INPUTS/OUTPUTS

Number 64 Inputs and 64 Outputs
Type Standard 75 Ohm, self-terminating, unbalanced BNCs with auto-EQ. conforming to SMPTE259M-C, SMPTE292M and SMPTE424M.

Return Loss $\geq 15\text{dB}$ 1MHz to 1.5GHz; $\geq 10\text{dB}$, 1.5GHz to 3GHz.
Equalization 300m auto-equalization Belden 1694A or equivalent at 270Mbps.; 100m auto-equalization Belden 1694A or equivalent at 1.5Gbps; 80m auto-equalization Belden 1694A or equivalent at 3Gbps
Level 800mVpp, $\pm 10\%$

SIGNAL SPECIFICATIONS

Rise/Fall $\leq 600\text{ps}$ +/-10% SD SMPTE259M-C; $\leq 270\text{ps}$ HD SMPTE292M; $\leq 135\text{ps}$ 3G SMPTE424M.
Overshoot $\leq 10\%$ of amplitude max.
Alignment Jitter ≤ 0.2 UI from 100kHz to 150MHz SMPTE259M-C or SMPTE292M; ≤ 0.3 UI from 150MHz to 300MHz SMPTE424M.

Timing Jitter ≤ 1.0 UI from 10Hz to 100kHz SMPTE259M-C or SMPTE292M; ≤ 2.0 UI from 10Hz to 100kHz SMPTE424M.

Reference Inputs Two independent 75 ohm BNC connectors, 0.5Vpp to 2.0Vpp; PAL, NTSC or Tri-Level sync.

Data Rates 143Mbps to 3Gbps

Form Factor 1RU

Mechanical 19.00W X 3.50H X 14.75D

482.6mm X 88.90mm X 372.65mm

Weight 15lbs

Environmental & Miscellaneous

Control Supports single-bus, multi-bus and XY control panels, using external system controller.

(Serial 422 PRC I/F) 4-wire, full duplex, multi-drop, serial RS422 port capable of accepting PESA PRC control protocol.

AC Input Connections IEC 320C6 socket (accepts IEC 320 C5 line cord)

Input Voltage 90-264 VAC, 47-63Hz, Output 24VDC @5.2A: Max. 125W

Operational Temp 0-40 degrees C

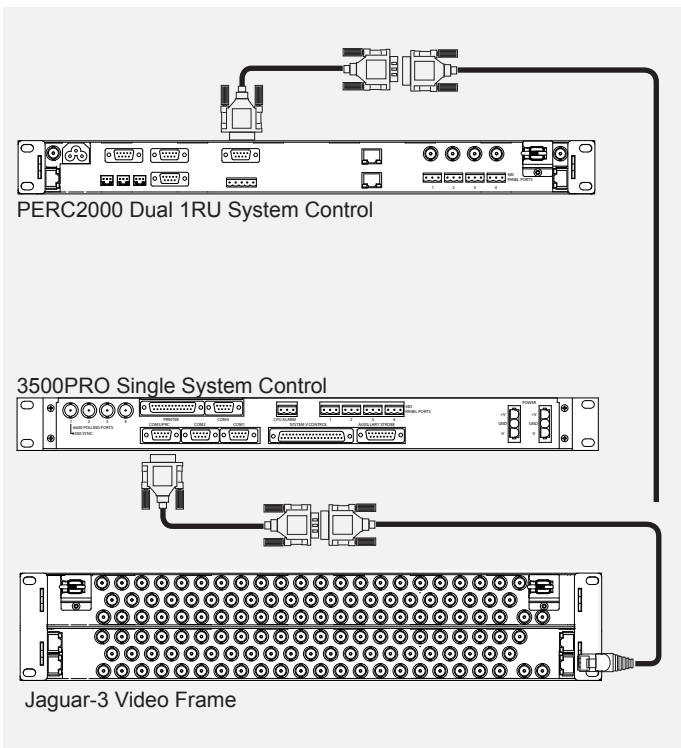
Operational Humidity 90% Non-condensing

Part Numbers

JAG3G-64X64-BNC 64X64 Routing Switcher, 2RU, PS, Supports data rates from 270Mbps to 3Gbps

SMPTE 259M, 292M, 424M, DVB/ASI

JAG3G-32X32-BNC 32X32 Routing Switcher, 2RU, PS, Supports data rates from 270Mbps to 3Gbps
SMPTE 259M, 292M, 424M, DVB/ASI



The Jaguar-3 Operates with PESA's 3500PRO or PERC2000 Control Interface Port

The Jaguar-3 Operates with PESA's SSC for network control and Ethernet Control Panels

