



Ross Video has a complete range of technical services available to ensure that your PIERO installation is a success.

**Operational Training** can be provided at Ross Video, on-site or on the web. Experienced Ross operators will teach your staff to get the most out of your new system and enhance your production.

**Commissioning** is a service to help get your graphics system properly configured, connected, and installed. This service is performed by factory trained Ross technical staff.

**Technical Training** can be provided at Ross Video, on-site or over the web. Technical training will teach your engineering staff the technical details of the system you have purchased. System configuration, interfaces, databases, and routine maintenance procedures are some of the topics covered.

PIERO comes standard with a 1-year system warranty (parts / labor & software updates) and 5-Years for Solid State Drives. **Extended Warranties** on hardware and software maintenance are available for an annual fee. Technical advice is available on-line, by telephone, or email to Ross Video – **Included for the life of your system.**



PIE-1RU-IP-D25L-M9

## Dimensions

Height	Width	Depth
4.3 cm (1.69")	43.8 cm (17.25")	65.6 cm (25.8")

## Weight

Net Weight	Gross Weight When Shipped
12.42 kg (21.6 lbs.)	12.5 kg (27.6 lbs.)

## Hardware

Chassis	1RU Chassis (rackmount)
Power Supply	2x 675W single power supply Voltage Range 100-240 VAC Input Current 3.7A - 7.4A
Power Consumption	@115VAC, Idle 83.416W - Max 454.3W
Fan Noise	Between 36dB to 46dB
System Drive	Single 1TB NVMe Drive
CPU	Intel® Xeon W5-2445, 10-Core, 26.25MB Cache, 2.70GHz, 4.0 GHz Turbo
Memory	64GB (4x16GB) 4800MT/s DDR5 RDIMM with ECC
GPU	NVIDIA™ RTX 4000 Ada 20GB GDDR6, 4x Display Port 1.4a Ports
Video I/O	SMPTE ST 2110 (SMPTE ST 2022-7 supported) Matrox® DSX LE5L/D25/100, NDI®
O/S	Linux Ubuntu 22.04 LTS

## Inputs / Outputs

Video	1x 25G SFP28 For 4 x HD inputs and 3 x HD outputs or 2 x UHD inputs and 2 x UHD outputs (SFPs Not Included)
Audio	Not supported
Reference	SMPTE ST 2059-2 (PTP)

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Specifications subject to change without notice

## Control

Ethernet	1x RJ-45 1G Ethernet Port 1x RJ-45 10G Ethernet Port
Serial	1x RS-232 Port 2x P/S2 Ports
NMOS	IS-04 & IS-05 (JT-NM TR-1001-1)
USB	Front Panel - 2x USB 3.1 (Type A) - 2x USB Type C Rear Panel - 2x USB 3.1 (Type A)

## Included Accessories

Rackmount Kit	Slide rails, handles, and mounting hardware
Keyboard	Standard USB Windows PC Keyboard (US English)
Mouse	USB 2-button mouse
Security Key Software	Either USB Hardware License or Software-based Product Key provided with software purchased separately

## Video I/O Formats

720p 50Hz | 720p 59.94Hz | 1080i 50Hz | 1080i 59.94Hz | 1080p 50Hz | 1080p 59.94Hz | 2160p 50Hz | 2160p 59.94Hz

## Warranty

12-Month System Warranty (parts / labor)  
5-Year Warranty for Solid State Drives