



GENERAL INFORMATION

An optional main/backup processor for an Ion or 2K Gio® control system, the Ion RPU can also be used as a stand-alone lighting playback controller.

FEATURES

- 2,048 or 6,144 outputs
- 16,000 control channels
- 99 Discrete Users
- Partitioned control
- Access to all application programming functions
- Can be used in Primary, Backup, Client or Offline Mode
- 20 user-programmable front-panel buttons
- Six front-panel LED status indicators
- 2U 19" rack-mount enclosure

INTERFACES

- AC Input (100 – 240 VAC at 50/60Hz)
- Two Ethernet ports
- Two DMX/RDM 512 Ports
- ETCNet2, Net3, ArtNet and Avab UDP
- Two DVI connectors for external displays (1280x1024 minimum resolution) with optional touch- or multi-touchscreen control
- One Display Port
- MIDI In/Out
- OSC Transmit/Receive
- UDP Transmit/Receive
- Seven multipurpose USB ports
- Radio Focus Remote (RFR)
- OSC Transmit/Receive
- MIDI Time Code, MIDI show control through gateway
- SMPTE Time Code through gateway
- Contact closure (12 analog inputs, 12 SPDT contact outputs, RS-232) through gateway
- One eSATA port

ORDERING INFORMATION

Ion Remote Processor Units

MODEL	DESCRIPTION
Ion RPU - 2K	Ion Remote Processor Unit - 2,048 Outputs
Ion RPU - 6K	Ion Remote Processor Unit - 6,144 Outputs
Ion RPU 4K Up	4K output upgrade

ETCNet2 or Net3 is distributed using Net3 Gateways, which provide DMX, MIDI/SMPTE Time Code and switch-closure functionality. MIDI In/Out and switch-closure are also available locally at the device.

Two universes of DMX512A output are available at the device via 5-pin XLR. These also support RDM.

Note: Windows XP-based Ion RPUs can be upgraded to 3072 outputs. Use Ion RPU 1K Up when requesting an output upgrade for Ion XP-based RPUs. Windows 7 RPUs can be upgraded to 6144 outputs.

Ion Remote Processor Unit Accessories

MODEL	DESCRIPTION
Net3 RFR	Radio Focus Remote
Net3 RFR - RX	Net3 Radio Focus Remote, Receiver only
Net3 RFR - TX	Net3 Radio Focus Remote, Transmitter only
FADW 2X10	Fader Wing - 2x10
FADW 2x20	Fader Wing - 2x20
Eos PGW	Eos Programming Wing

Ion RPU supports two external monitors compatible with Windows 7, 1280x1024 minimum resolution, standard, touch or multi-touch. These can be two DVI or one DVI and one Display Port.

SHIPS WITH:

- Three-button scroll mouse
- Mousepad
- Alphanumeric keyboard



PHYSICAL

Ion RPU Dimensions*

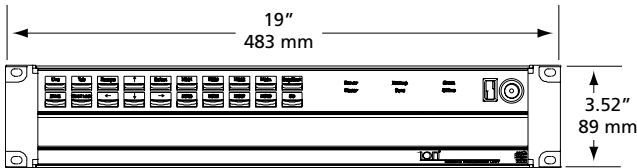
MODEL	HEIGHT		WIDTH		DEPTH	
	inches	mm	inches	mm	inches	mm
Ion RPU	3.52	89	17.13	435	15.88	403
Ion RPU – with mounting ears	3.52	89	19	483	15.88	403

Ion RPU Weights*

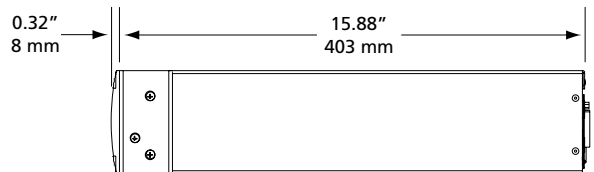
MODEL	WEIGHT		SHIPPING WEIGHT	
	lbs	kgs	lbs	kgs
Ion RPU	22.65	10.27	32.40	14.7

*Weights and dimensions typical

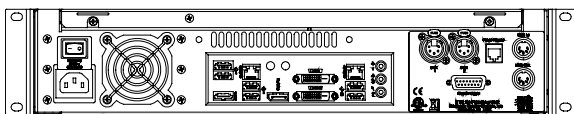
Front View



Side View



Rear View



Top View

