# Magenta Research 222R3001-16x64 Mondo Video Matrix Switcher III 16x64/4 frames/16U

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| **Video In** | UTP From Transmitter |
| **Video Out** | UTP to Receiver |
| **Audio In** | UTP From Transmitter |
| **Audio Out** | UTP to Receiver |
| **UTP In** | 16-64 per frame, 16 port increments |
| **UTP Out** | 16 per frame |
| **General Specifications** | |
| **Video Support** | MultiView Transmitter/Receiver Dependent |
| **Resolution/Refresh Rate** | MultiView Receiver Dependent |
| **Required Source Impedence** | MultiView Transmitter/Receiver Dependent |
| **Required Destination Impedence** | MultiView Transmitter/Receiver Dependent |
| **Audio Support** | MultiView Transmitter/Receiver Dependent |
| **Serial Support** | MultiView Transmitter/Receiver Dependent |
| **Cable Supported** | Category 5, 5e and 6 Shielded Twisted-Pair (STP) or Unshielded Twisted-Pair (UTP) or skew-free cable. Please see the "Recommended UTP" page for more detailed information. |
| **Protocol to switch** | RS-232/RS-422, Selectable; 9600 baud standard |
| **Protocol between master and slave frames** | RS-485 |
| **Interface connector, input** | 10 position Phoenix (compatible with Mondo II 7-position Phoenix) |
| **Interface connector, output** | 10 position Phoenix (compatible with Mondo II 7-position Phoenix) |
| **Optional auxiliary serial ports (COM1-COM8)** | DB9-female, RS-232 interface All input to output switching commands are received and processed by the master frame. Additional frames used within the matrix are connected in a daisy chain and receive processed complex routing commands from the master frame. |
| **Rear-panel LCD and push buttons** | 2x16 display, 4 push buttons. Used for basic configuration settings. |
| **Compliance** | CE; FCC Class A Safety: EN60950 |
| **Power** | 90~264 V / 50~60 Hz, Consumption 150 Watts Maximum |
| **Temperature Tolerance** | Operating: 0° to +100°F (0° to +37°C); Storage: 40° to +158°F (-40° to +70°C)  10% to 90% non-condensing |
| **Humidity Tolerance** | Up to 80% Non-Condensing |
| **Mounting** | Rack Mount Standard |
| **Enclosure** | Powder coat chassis, passivated aluminum |
| **Size** | 6.7" H x 19" W x 10.5" D (170 mm H x 483 mm W x 267 mm D) |
| **Weight** | 17 lbs. (7.7kg) fully populated |
| **Skew Compensation** | Not Applicable |
| **Warranty** | Three (3) Years |