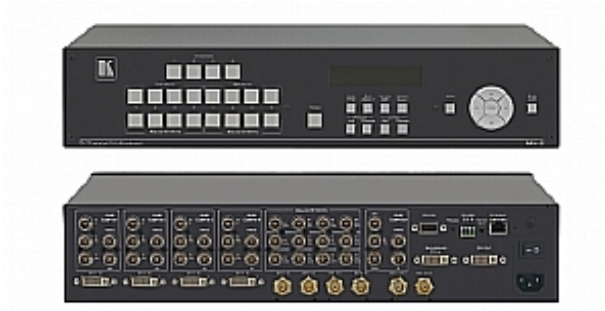




## MV-5

### 5-Channel Multiviewer



The **MV-5** is a versatile, high-performance video and graphic multi-window viewer for DVI signals, SD and HD analog signals up to 1920x1200@60Hz, and SDI signals up to 3G HD-SDI. The device can window up to four sources (plus a background) in any layout and output the image as SDI, DVI, component and composite video signals. Both preprogrammed and customizable screen division is supported.

### FEATURES

- Max. Input Data Rate - 3Gbps.
- Kramer Equalization & re-Klocking™ Technology - Rebuilds the digital signal to travel longer distances.
- Multi-Video Output Formats - SD-SDI (259M), HD-SDI (292M) and 3G HD-SDI (SMPTE 424M), HDMI, HD, SD, analog and composite.
- HDTV Compatible.
- HDCP Support on DVI Inputs/Outputs.
- Powerful Cross Conversion - Any format to any format, any standard to any standard.
- Input Cable Equalization - Up to 350m (1150ft) for SD signals, 140m (459ft) for 1.5GHz HD signals, and 120m (394ft) for 3GHz HD signals.
- Chroma-Key Engines - Four independent chroma-key engines for each image layer.
- Window and Image Scaling - Zooming (up to 1000%) and aspect ratio control.
- Independent Layer Transparency Control.
- Image Controls - Brightness, contrast, color and sharpness.
- Window or Input Label Insertion.
- 16 User-Definable Screen Layouts.
- Screen Handling Buttons - Freeze, size, position.
- Lock Button - To prevent unwanted tampering.
- Flexible Control Options - Front panel with menu LCD, on-screen display (OSD), Ethernet and RS-232.
- Worldwide Power Supply - 100-240V AC.



## MV-5

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### TECHNICAL SPECIFICATIONS

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INPUTS:	4 RGB/component HD on 20 BNC connectors, 6 analog SD on 12 BNC connectors, 5 DVI-D on DVI-I connectors, 4 SDI on BNC connectors.
OUTPUTS:	1 RGB/component HD on 5 BNC connectors, 1 DVI-D on a DVI-I connector, 2 SDI on BNC connectors.
MAXIMUM OUTPUT LEVEL:	800mVpp/75Ω.
JITTER:	Better than 0.2UI.
DATA RATE:	Up to 2.97Gbps.
HDMI BANDWIDTH:	Up to 6.75Gbps data rate (2.25Gbps per graphic channel).
COMPLIANCE WITH HDMI STANDARD:	HDCP (DVI inputs/outputs).
SUPPORTED OUTPUT RESOLUTIONS:	480i/60, 576i/50, 720p/50, 720p/59, 720p/60, 1080i/50, 1080i/59, 1080i/60, 1080p/23, 1080p/24, 1080p/25, 1080p/29, 1080p/30, 1080p/50, 1080p/59, 1080p/60, 1080psf/23, 1080psf/24, 1080psf/25, 1080psf/29, 1080psf/30, 640x480/60, 640x480/72, 640x480/75, 640x480/85, 800x600/60, 800x600/72, 800x600/75, 800x600/85, 1024x768/60, 1024x768/70, 1024x768/75, 1024x768/85, 1152x864/75, 1280x768/60rducBL, 1280x768/60, 1280x768/75, 1280x768/85, 1280x960/60, 1280x768/85, 1280x1024/60, 1280x1024/75, 1360x768/60, 1366x768/60, 1400x1050/60rducBL, 1400x1050/60, 1400x1050/75, 1440x900/60rducBL, 1440x900/60, 1440x900/75, 1440x900/85, 1600x1200/60, 1680x1050/60rducBL, 1680x1050/60, 1920x1200/60rducBL.
POWER CONSUMPTION:	100–240V AC, 50/60Hz, 57VA.
CONTROLS:	Front panel buttons, RS-232, Ethernet.
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F).
STORAGE TEMPERATURE:	–40°C to +70°C (–40° to 158°F).
HUMIDITY:	10% to 90%, RHL non-condensing.
DIMENSIONS:	19" x 9.45" x 2U W, D, H.
WEIGHT:	2.8kg (6.17lbs) approx.
INCLUDED ACCESSORIES:	Power cord, rack "ears".