

PHASE | TV Logic: RKM Series

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3G-SDI Multi-Channel LCD Rack Monitors

RKM-535A *New!*

TVLogic® Always **ON-AIR**



Compact 3.5" x 5 Rack Mount Monitor

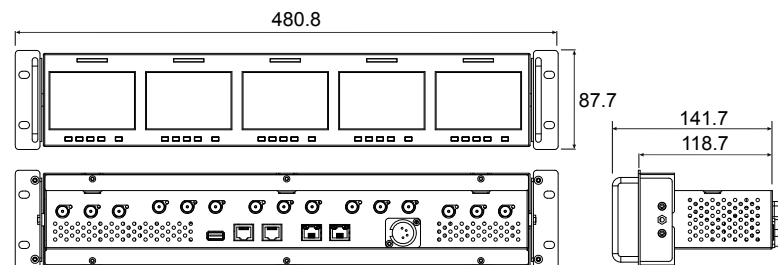
The RMK-535A is 2RU rack-mount monitor with five high resolution (960 x 640) 8 bit LCDs offering unprecedented image quality in a compact rackmount system.

Features include Focus Assist, Various Scan Modes, Markers, Audio Level Metering, Timecode Display, Closed Captioning, Waveform/Vectorscope, and more.



Main body Dimensions

- Main Body : 480.8 x 87.7 x 118.7 (mm) / 18.93 x 3.45 x 4.67 (inch)
- Weight : 2.88kg / 6.35lbs



Product Highlights

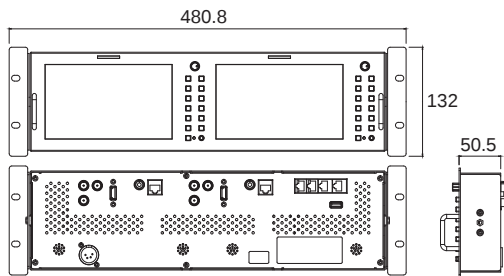
- 5 x 3.5" LCD Screens
- 960x640 Resolution (3:2)
- High Contrast Ratio of 1000:1
- 1.67 Million Colors (8bit)
- 1:1 Pixel Mapping Modes for SD/HD
- Waveform / Vectorscope
- CC (608, 708)
- TVLogic Color Calibration Utility
- 3G-SDI Level A/B
- Audio Level Meter
- Blue Only
- Focus Assist
- H/V Delay
- Key Lock
- Luma Zone Check
- Marker
- Mono
- Range Error
- Time Code Display
- UMD
- User Aspect
- Various Scan Modes
- Waveform / Vectorscope

Size	3.54"
Resolution	940 x 640 (3:2)
Pixel Pitch	0.078mm
Color Depth	16.7M
Viewing Angle(Typ.)	160°(H) / 160°(V)
Luminance (Max.)	500cd/m ² (center)
Contrast Ratio	1000:1
Display Area	75(H)X50(V)mm
Input	
1 x BNC	SDI Channel Input
1 x BNC	Analog Video Input
Output	
1x BNC	SDI Channel Output
Input Signal	
Analog	CVBS
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mb/s
Analog Input Spec	
CVBS	1.0Vp-p (With Sync) NTSC. PAL
SDI Input Signal Formats	
SMPTE-425M-A/B	1080p(23.98/24/25/30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF), 1080i(60/59.94/50)
SMPTE-274M	1080p(30/29.97/25/24/24sF/23.98/23.98sF) / 1080i (60/59.94/50)
SMPTE-296M	720p (60/59.94/50)
SMPTE-260M	1035i (60/59.94)
SMPTE-125M	480i (59.94)
ITU-R BT.656	576i (50)
Audio In	-
Audio Out	-
Power	DC 12V
Power Consumption (Approx.)	DC 60Watts (Max. 5A)
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Accessory	TBD

* Specifications may be changed without notice.

3G-SDI Multi-Channel LCD Rack Monitors

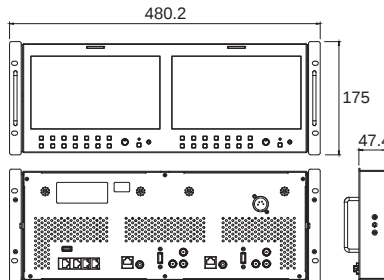
RKM-270A RKM-290A



A brand-new rack-mount monitor with 2 x 7" LCD screens, which has the same high performance display as LVM-074W. Wide viewing angle IPS LCD with 1024 x 600 resolution. It supports SDI in/out and HDMI input.

Product Highlights

- **7" 1024 x 600 (16:9) Resolution**
- 1:1 Pixel Mapping Modes for SD/HD
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- Focus Assist
- H/V Delay
- Key lock
- Luma(Y') Zone Check
- Marker
- Mono
- Range Error
- Time Code Display
- UMD
- CC-608 ANC
- Various Scan modes
- Waveform/Vectorscope
- Zoom
- User Aspect
- CC-608 LINE 21
- CC-708



A brand-new rack-mount monitor with 2 x 9" LCD screens, which has the same high performance display as LVM-095W-N with full HD resolution and wide viewing angle capability. It supports SDI in/out and HDMI input.

Product Highlights

- **9" 1920 x 1080 (16:9) Resolution**
- 1:1 Pixel Mapping Modes for SD/HD
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- Focus Assist
- H/V Delay
- Key lock
- Luma(Y') Zone Check
- Marker
- Mono
- Range Error
- Time Code Display
- UMD
- CC-608 ANC
- Various Scan modes
- Waveform/Vectorscope
- Zoom
- User Aspect
- CC-608 LINE 21
- CC-708



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Model	RKM-270A	RKM-290A
Size	7"	9"
Resolution	1024 x 600 (16 : 9)	1920 x 1080 (16 : 9)
Pixel Pitch	0.15mm	0.103mm
Color Depth	16.7M	16.7M
Viewing Angle (Typ.)	170°(H) / 170°(V)	176°(H) / 176°(V)
Luminance (Max.)	400cd/m ² (center)	400cd/m ² (center)
Contrast Ratio	800:1	750:1

Input (1 Screen)

1 x HDMI	HDMI Input	HDMI Input
2 x BNC	SDI A/B Channel Input	SDI A/B Channel Input
1 x BNC	CVBS	CVBS

Output (1 Screen)

1 x BNC	SDI Selected Channel Output	SDI Selected Channel Output
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Input Signal

Analog	CVBS	CVBS
3G-SDI	2.970Gbps	2.970Gbps
HD-SDI	1.485Gbps	1.485Gbps
SD-SDI	270Mbps	270Mbps
HDMI	1080P(24/25/30/50/60) / 1080i(50/60) / 720p(50/60) / 480i(60) / 480p(60) / 576i(50) / 576p(50)	1080p(24/25/30/50/60) / 1080i(50/60) / 720p(50/60) / 480i(60) / 480p(60) / 576i(50) / 576p(50) / 640x480 / 720x400 / 800x600 / 1024x768 / 1280x1024 / 1366x768

SDI Input Signal Formats

SMPT-425M-A/B	1080i(60/59.94/50) 1080p(23.98/24/25/30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF)	1080i(60/59.94/50) 1080P(60/59.94/50/30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF)
SMPT-274M	1080i(60 / 59.94 / 50) 1080P(30/29.97/25/24/24sF/23.98/23.98sF)	1080i(60/59.94/50) 1080p(30/29.97/25/24/24sF/23.98/23.98sF)
SMPT-296M	720p(60/59.94/50)	720p(60/59.94/50)
SMPT-260M	1035i(60/59.94)	1035i(60/59.94)
SMPT-125M	480i(59.94)	480i(59.94)
ITU-R BT.656	576i(50)	576i(50)
2K Format	-	2048x1080p(24/24sF/23.98/23.98sF)
Audio IN	Embedded Audio / Analog stereo (Phone Jack)	Embedded Audio / Analog stereo (Phone Jack)
Audio OUT	Analog stereo (Phone Jack) / Internal Speaker (Mixed Mono)	Analog stereo (Phone Jack) / Internal Speaker (Mixed Mono)
Power	DC 12/24V	DC 12/24V
Power Consumption (Approx.)	TBD	TBD
Operating Temperature	0°C to 35°C (32°F to 95°F)	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)
Accessory	TBD	TBD
Optional Accessories	TBD	TBD

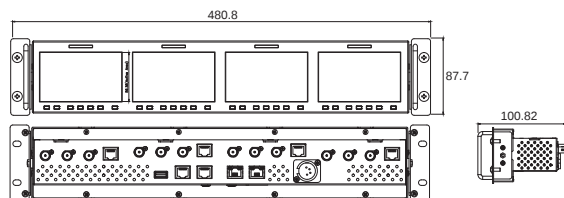
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3G-SDI Multi-Channel LCD Rack Monitors

RKM-443A RKM-356A



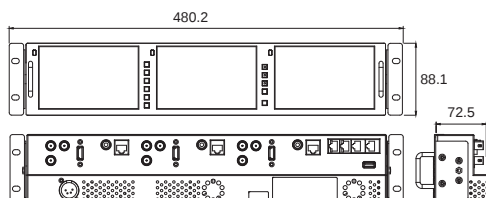
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A brand-new rack-mount monitor with 4 × 4.3" LCD screens with high luminance of 600cd/m² and reasonable resolution of 800 × 480 for the size. It supports SDI in/out and CVBS video input.

Product Highlights

- **4.3" 800 x 480 (15:9) Resolution**
- 1:1 Pixel Mapping Modes for SD/HD
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- Focus Assist
- H/V Delay
- Key lock
- Luma(Y') Zone Check
- Marker
- Mono
- Range Error
- Time Code Display
- UMD
- User Aspect
- Various Scan modes
- Waveform/Vectorscope
- Zoom
- CC-608 ANC
- CC-608 LINE 21
- CC-708



A brand-new rack-mount monitor with 3 × 5.6" LCD screens, which has the same high performance display as VFM-056WP. High resolution of 1280 × 800 and wide viewing angle. It supports SDI in/out and HDMI input.

Product Highlights

- **5.6" 1280 x 800 (16:10) Resolution**
- 1:1 Pixel Mapping Modes for SD/HD
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- Focus Assist
- H/V Delay
- Key lock
- Luma(Y') Zone Check
- Marker
- Mono
- Range Error
- Time Code Display
- UMD
- User Aspect
- Various Scan modes
- Waveform/Vectorscope
- Zoom
- CC-608 ANC
- CC-608 LINE 21
- CC-708

Model	RKM-443A	RKM-356A
Size	4.3"	5.6"
Resolution	800 × 480 (15 : 9)	1280 × 800 (16 : 10)
Pixel Pitch	0.117mm	0.094mm
Color Depth	16.7M	16.7M
Viewing Angle (Typ.)	160°(H) / 160°(V)	170°(H) / 170°(V)
Luminance (Max.)	600cd/m ² (center)	300cd/m ² (center)
Contrast Ratio	1000:1	500:1

Input (1 Screen)

1 x BNC	SDI Channel Input	-
1 x BNC	CVBS	CVBS
1 x HDMI	-	HDMI Input
2 x BNC	-	SDI A/B Channel Input

Output (1 Screen)

1 x BNC	SDI Channel Output	SDI Channel Output
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Input Signal

Analog	CVBS	CVBS
3G SDI	2.970Gbps	2.970Gbps
HD-SDI	1.485Gbps	1.485Gbps
SD-SDI	270Mbps	270Mbps
HDMI	1080p(24/25/30/50/60) / 1080i(50/60) / 720p(50/60) / 480i(60) / 480p(60) / 576i(50) / 576p(50) & VESA / IBM Modes	1080p(24/25/30/50/60) / 1080i(50/60) / 720p(50/60) / 480i(60) / 480p(60) / 576i(50) / 576p(50) & VESA / IBM Modes

SDI Input Signal Formats

SMPT-425M-A/B	1080i(60/59.94/50)	1080i(60/59.94/50)
	1080p(23.98/24/25/30/29.97/25/24/23.98/30sF/29.97sF/24sF/23.98sF)	1080p(23.98/24/25/30/29.97/25/24/23.98/30sF/29.97sF/24sF/23.98sF)
SMPT-274M	1080i (60 / 59.94 / 50)	1080i (60/59.94/50)
	1080P (30/29.97/25/24/24sF/23.98/23.98sF)	1080p(30/29.97/25/24/24sF/23.98/23.98sF)
SMPT-296M	720p(60/59.94/50)	720p(60/59.94/50)
SMPT-260M	1035i(60/59.94)	1035i(60/59.94)
SMPT-125M	480i(59.94)	480i(59.94)
ITU-R BT.656	576i(50)	576i(50)
Power	DC 12V / 3A (Max 6.0A)	DC 12V / 3A (Max 6.0A)
Power Consumption (Approx.)	TBD	TBD
Operating Temperature	0°C to 40°C (32°F to 104°F)	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)
Accessory	TBD	TBD
Optional Accessories	TBD	TBD

* Specifications may be changed without notice.

EXCLUSIVE REPRESENTATIVE:





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