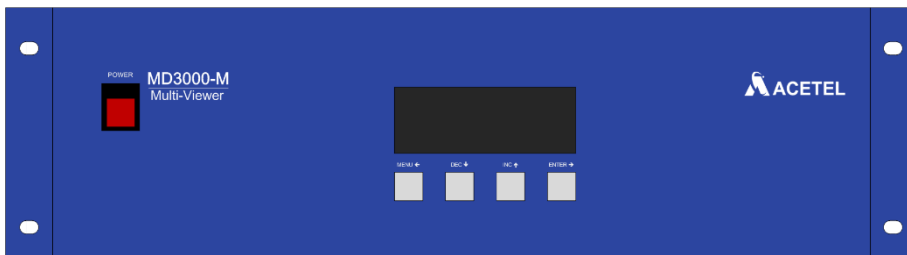


# Modular Multiviewer

## Professional Multiviewer for Broadcasting

### MD3000-M



**MODULAR**

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**DUAL POWER**

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**VARIABLE MODULE**

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**TALLY**

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The MD3000-M is a Multi-Channel monitoring system which allows viewing of up to 40 channels. The MD3000-M has a 3RU modular based design that has 12 slots and dual power supplies. Versatile and functional, the MD3000-M supports Analog, SDI and HDMI inputs with DVI and SDI outputs. The features of the MD3000-M include video quality monitoring, audio level monitoring, signal probing (A/V), fixed and custom layouts, graphic display, and Tally.

The MD3000-M is designed for broadcasters, content providers, and telco's monitoring multiple channels on one monitor. The fixed layout has a mosaic configuration of 1, 4, 6, 9, 12, 16, 32, 40 split screens and user defined split screens. The graphic display feature offers a digital & analog clock, timer, image and text box.

## HIGHLIGHT



### Signal Probing

- Detection of video and audio faults
- Video Loss, Video Freeze, Video Black, Sync Loss, Audio Loss, Audio Max
- On-Screen alarm display



### Alarm Notification

- 24/7 Monitoring with alarm notification to NMS
- Audible alarm alert in NMS



### Easy Operation

- Easy to setup and install, 3 Rack unit size with 12 slots and dual power supply
- User-friendly graphic interface
- Easy to operate with front panel and NMS

# MD3000-M: Modular Multiviewer

Professional Multiviewer for Broadcasting

## KEY FEATURE AND BENEFITS

### MULTIPLE FORMATS

#### Various Module

- CVBS, SD/HD/3G-SDI and HDMI modules
- Analog and AES/EBU audio modules
- DVI and SDI output module
- Support combination of input modules

#### Up to 40 channels

- Up to 40 SDI inputs
- Up to 32 analog video/audio inputs
- Up to 40 HDMI inputs

#### Audio Input

- Up to 8 chs per SDI input
- Up to 2 chs per analog and HDMI input

#### Tally Input and output

- Up to 32 chs input
- Up to 4 chs output (relay)

## SIGNAL PROBING

#### Fault Detection

- Catches faults in video and audio signals
- Display alarm on screen

#### Video / Audio Probing

- Video Loss / Freeze / Black
- Sync Loss
- Audio Loss / Max

## SUPERIOR VIDEO OUTPUT

#### Dual Output

- DVI and SDI outputs
- Two Independent output module
- Audible selected input
- Included controller
- LTC and Ref Sync support

## EASY OPERATION

#### Custom Layout

- Support variable layout sample
- User can make custom layout
- Video area, audio meter, title box and image can be modify by user
- Control by TCP/IP via Ethernet

#### Alarm Log

- Current and History alarm
- Save alarm log

## TECHNICAL SPECIFICATIONS

### CVBS/SDI Module (MD3K-ADM)

Input Type	4 x CVBS/SDI (Auto-sensing)
Connector	BNC (75 Ohms)
Standard	NTSC/PAL
	SMPTE 259M, 292M, 424M

### HDMI Module (MD3K-HM)

Input Type	4 x HDMI
Connector	Type A
Standard	HDMI v1.4 (Up to 1080p/60)
HDCP	HDCP 1.4 support

### Analog Audio Module (MD3K-AAM)

Input Type	16 stereo pairs
Connector	Audio Terminal Jack

### AES/EBU Audio Module (MD3K-DAM)

Input Type	16 stereo pairs
Connector	Audio Terminal Jack

### Tally Module (MD3K-TM)

No. of Input	32 chs
Connector	Terminal Jack
No. of output	4 chs (relay)

### Output Module (MD3K-OM)

Output Type	1 x DVI, 2 x SDI
Connector	DVI-I, BNC (75 Ohms)
Resolutions	1024x768, 1280x1024, 1280x720p, 1920x1080i
Ethernet	1 x RJ45 (10/100 Based-T)
Control	TCP/IP
LTC Input	1 x BNC
Audio out	Terminal Jack

### Power and Physical

No. of Power	Dual or Single Power Supply
Input Voltage	100VAC ~ 240VAC, 60Hz
Power	120W
Consumption	
Dimensions (WxDxH)	480 x 350 x 133mm (3RU) 18.8" x 13.7" x 5.2"

### Contact

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