

MON8-1



MON8-1/SDI



Description

The MON8-1 Series monitors are eight-channel video monitors featuring eight backlit 1.8" LCD displays with eight analog (CVBS) outputs (converted from the SDI inputs on the SDI model) all on BNC connectors. You can simultaneously view the eight inputs on the eight video monitors on the front panel. The MON8-1

units automatically sense NTSC or PAL video formats and configure themselves accordingly.

The MON8-1 Series is ideally suited for monitoring of multiple video feeds in VTR bays, mobile production vehicles, news and transmission control rooms, and duplication and post production applications.

Features

Auto-sensing of NTSC and PAL video formats

Eight 1.8" LED backlit LCD video displays

Both models provide a CVBS output and the SDI model also provides an SDI output

Benefits

Confidence monitor 8 signals simultaneously.

Low power requirements

Space saving 1RU

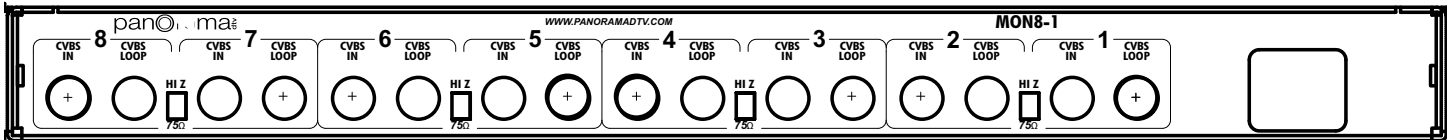
Light weight

Order Part Number

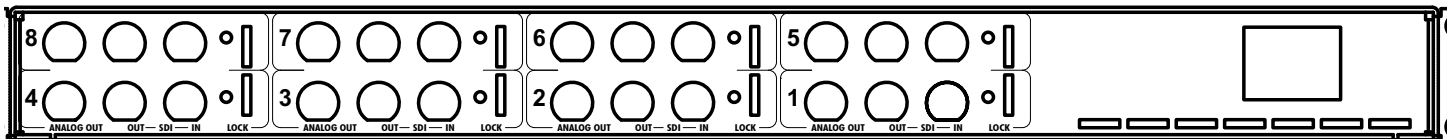
MON8-1: 8000-0100 (CVBS)
MON8-1/SDI 8000-0120 (CVBS and SDI)

Rear Panel

MON8-1



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Physical Specifications

Dimensions (H x W x D)	1.7" H x 19" W x 7" D (36.5 mm x 482.6 mm x 27.4 mm)
Shipping weight	7 lbs (3.18 kg)
Space requirements	1RU in a standard 19" rack
Supplied accessories	AC external power unit/cord
Power requirements	Power to the unit is 100 to 240 VAC ± 10%, 50/60Hz.
Power consumption	30 W

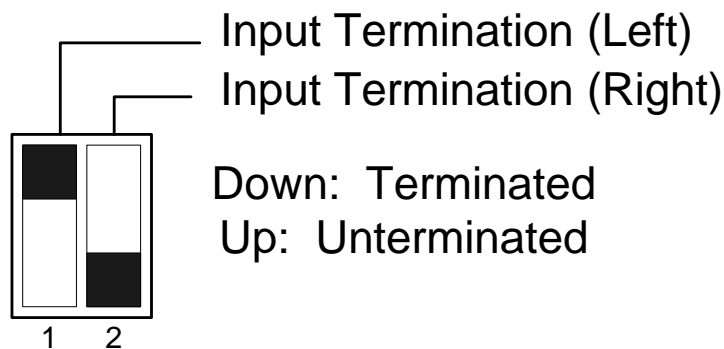
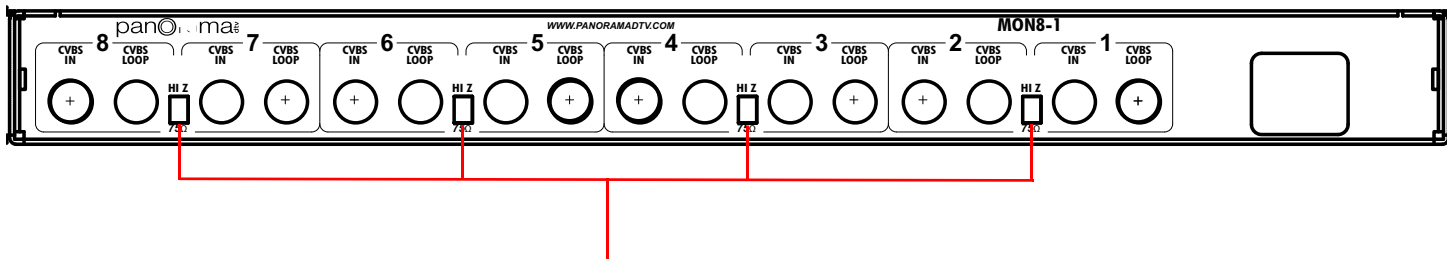
Inputs and Outputs

Connectors	MON8-1	MON8-1/SDI
Inputs (per screen)	1 CVBS (BNC)	1 CVBS (BNC) 1 SD-SDI (BNC)
Outputs (per screen)	1 CVBS (BNC) loop-through	1 CVBS (BNC) converted from SDI
Other rear panel features	1 2-position DIP switch per pair of screens: CVBS input termination	1 green LED per screen: SDI lock

Technical Specifications

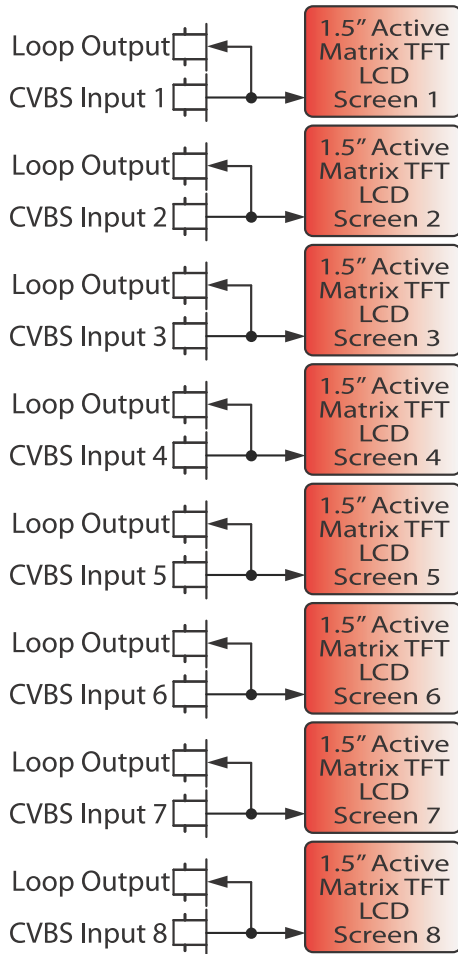
Specification	MON8-1	MON8-1/SDI
Screen Type	LCD, active matrix TFT	
Panel Illumination	LED backlight	
Screen Size (diagonal)	1.75" (4.6 cm)	
Resolution (dot)	280 H x 220 V	
Dot Pitch	0.127 H x 0.121 V	
Number of Colors	262 k (full color)	
LCD Active Area	138.2 (H) x 103.4 (V) mm	
Color Configuration	RGB delta	
Contrast Ratio	150 typical	
Brightness (cd/m ²)	180 NITs	
Surface Treatment	anti-glare (typical 6% haze)	
Viewing Angle	top = 10° bottom = 30°; left = 45° right = 45°	
Video Signal	NTSC 525/60 or PAL 625/50	
Color Temperature (k)	7000	
Display Controls	fixed, factory preset	

MON8-1 Input Termination Settings

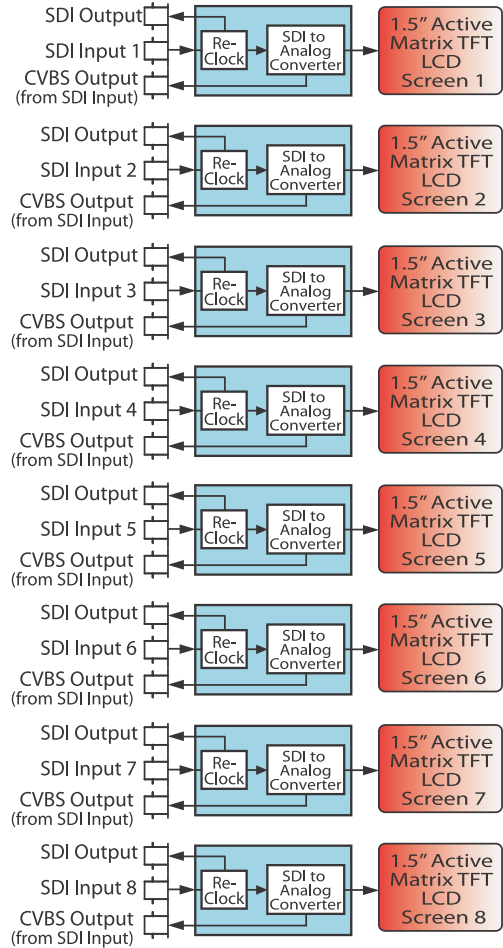


Block Diagram

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