

SDV41 A200
Videowall rearprojection system

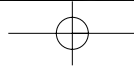



KEYPOINTS

- ⇒ DLP™ Technology
- ⇒ SVGA native resolution (800 x 600 pixels)
- ⇒ High brightness and contrast ratio
- ⇒ 120W UHP lamp
- ⇒ Analog Video Inputs: 1 x CVBS, 1 x S-VHS
- ⇒ Analog Data Input: 2 x RGB+HV
- ⇒ Graphic input standard: VGA to UXGA
- ⇒ Adjustable color temperature
- ⇒ Image alignment mechanical system
- ⇒ 41" (1041 mm) screen diagonal, 4:3 aspect ratio
- ⇒ Stackable cabinet
- ⇒ 80 cm cabinet depth (without screen)
- ⇒ Front access for service



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SDV41 A200 Videowall realprojection system

SIM2 SDV41 A200: the digital videowall

The SDV41 A200, 41" rearprojection module for videowall application, is suitable for public information kiosks, advertisement displays, large venue events and TV studio displays. Based on Digital Light Processing' technology from Texas Instruments, the most advanced solution for bright and brilliant image display with top chromatic rendering, the SDV41 has been designed to yield unsurpassed video image quality and chromatic fidelity on a large screen.



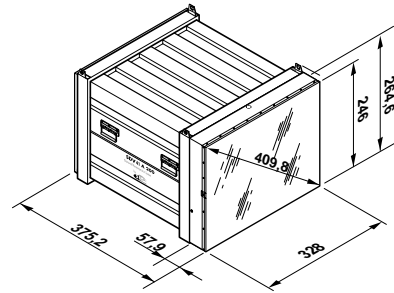
The number of different available inputs, video and data, allows the SDV41 A200 to be effectively used also for data and message display.

Image quality: high definition, brightness and color

SDV41 A200 is the result of a long lasting experience in the rearprojection field, implementing the most advanced technological achievements, provides remarkable advantages versus CRT based systems.

Digital image processing together with the state-of-the-art proprietary optical engine, give a top brightness output and contrast ratio, high definition, good uniformity, excellent colorimetry and grey level rendering. A hi-tech screen with

precise mechanical adjustments provide optimal quality large pictures in every configuration. Colour temperature of the picture is selectable and adjustable to meet the most demanding needs as such those of TV studios.



Easy handling, installation and maintenance

The SDV41 A200 is a lightweight rearprojection module, housed in a robust cabinet, particularly suitable for staging and rental. A six-mechanical-adjustment tool grants optimal picture adjustment in a single screen and perfect alignment in the videowall.

Thanks to its reduced dimensions and effective stacking capability, SDV41 A200 is the right solution for space saving installations.

The SDV41 A200 is designed to minimise maintenance operations: routinely replacement of the lamp and dust removal are easy and fast.

Reduced depth and high modularity, together with the removable screen allow easy front access to the electronic engine for service operations.

TECHNICAL FEATURES

REAR PROJECTION SYSTEM

Type: DLP™ single chip DMD™
 Geometry adjustment: 6 mechanical adjustments, (Horizontal and Vertical shift, Horizontal and Vertical keystone, Rotation and Magnification)
 Lamp: 120 W UHP lamp (average Life 6000 hours)
 Engine light output: 500 lm (ANSI)
 Contrast Ratio: >400:1 full on/full off field
 Native resolution: SVGA (800 x 600 pixels)
 Aspect ratio: 4:3

SCREEN

Type: Fresnel lens with "high gain" acrylic lenticular
 Diagonal: 41" (1041 mm)
 On-axis gain: 4.0
 Hor. viewing angle at 50% gain = 116°
 Ver. viewing angle at 50% gain = 32°
 Frame border: 2.2 mm

ELECTRONICS:

Horizontal synch frequency: 15 - 80 KHz
 Vertical synch frequency: 48 - 100 Hz
 Progressive scan format
 Color Temperature: 8000°K to 12000 °K electronically adjustable; 3500°K with optional filter.

DATA INPUT (ANALOG):

Resolution: VGA to UXGA through:
 1x RGB + HV on BNC (75 ohm terminated)
 1x RGB + HV on 15-pin HD D-sub (F)

VIDEO INPUT:

1x CVBS (NTSC/PAL/SECAM) on RCA connector
 1x S-Video (NTSC/PAL/SECAM) on mini DIN 4-pin connector
 1x RGB + HV on BNC 75 ohm (instead of data)
 Control: RS 232 serial interface (loop through)

ELECTRICAL DATA:

Power consumption: 170 W
 Mains Voltage: 100 - 240 V AC +10%, 50/60 Hz
 Current: @ 120 V 1,5 A(rms)
 @ 240 V 0,8 A(rms)

Inrush current: max 30 A
 Fuses: T 3.15 A H 5x 20 mm on rear panel
 Loop through connection:
 @ 120 V max 4 (3+1) units
 @ 240 V max 9 (8+1) units

MECHANICAL DATA:

Dimensions: (W x H x D) 833 x 625 x 953 mm (including screen)
 Net Weight: 55 Kg (without screen); screen: Kg 10
 Packaging: Cardboard on wooden Pallet.
 Shipping Dimension: (WxHxD) 864 x 816 x 950 mm
 Shipping weight: Kg 96
 Max stack without any support structure: 8 units

ENVIRONMENTAL DATA:

Operating Temperature: 0 to 35 °C
 Transport: -10 to + 55 °C
 Warehousing: -10 to + 55 °C
 Ambient relative humidity: from 10% to 90 % (without condensation)

SAFETY:

Electrical: in compliance with EN 60950, UL60950
 EMC - Immunity: in compliance with EN 55024
 EMC - Emission: in compliance with EN 55022

ACCESSORIES:

Mains Cable (EU, UK, USA)
 Loop Through RS 232 Cable
 Installation and User Manual

OPTIONAL:

RC 2000 Remote Control handset
 Control Software "Easy wall" for Windows™ 95/98 on CD- ROM
 Filter type 85B, 72 mm for 3500 °K color temperature



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