

DSCON3000-M

Multi-screen Controller



Features :

- 19" standard 2.5U ATCA industry box
- High speed passive rear panel design, reliable and stable
- Easy and flexible configuration with pluggable card module design
- 4 service card slots, every slot supports various service card
- Supports max 32 screens splicing
- Provides low latency solution below 50ms and excellent performance of synchronization
- Redundant power optional and smart temperature controlled fan
- Intel X86 main control chip inside, ultrahigh data processing capacity and good extensibility
- PCI-E bus, high system bandwidth
- Supports analog/digital video signals input and matrix output
- Supports collection of 4K local signal via HDMI interface to achieve the high-definition display
- Supports virtual LED that the background color, transparency, font type and color etc. can be adjustable
- 2 RJ-45 gigabit network ports for matrix control, preview
- Remote reboot/upgrade/default setting and etc operations



Technical Specification

Model

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System Parameter

Main Processor	Intel X86 Braswell microprocessor
Operating System	Embedded LINUX
Bus	PCI-E
Slot	5(1 Main Control Board Slot, 4 Video and Audio Function Board)
Mainframe	Power module (redundant power optional), main control board, PCI-E bus rear panel, smart temperature controlled fan
Video Input Card	Max. 4
Video Output Card	Max. 4

Video Input

VI0201UH-DC3000(HDMI)	Interface	2ch HDMI1.4 support HDCP
	Access Capability	2ch@4K, downward compatibility
VI0801HH-DC3000(HDMI)	Interface	8ch HDMI1.4 support HDCP and I-SYSTEM
	Access Capability	8ch@1080P, support resolution: 1080P/720P/UXGA/SXGA+/SXGA/XGA/SVGA/VGA

VI0401HD-DC3000 (DVI-I)	Interface	4ch DVI-I (support VGA/HDMI1.3 with converter)
	Access Capability	4ch@1080P, support resolution: 1080P/720P/UXGA/SXGA+/SXGA/XGA/SVGA/VGA
VI0401HS-DC3000(3G-SDI)	Interface	4ch BNC
	Signal Format	3G-SDI, 2.97Gbps
VI3201FB-DC3000 (CVBS)	Access Capability	4ch@1080P, downward compatibility
	Interface	2ch DVI-D, 2 BNC interface braided lines which is 16 in 1
VI3201FB-DC3000 (CVBS)	Signal Format	PAL
	Access Capability	32ch@960H or D1

Video Output (Without decoding)

VO0801HH-DC3000 (HDMI)	Interface	8ch HDMI1.3
	Split	Max 32 layers
VO0401HS-DC3000(3G-SDI)	Interface	4ch BNC
	Split	Max 32 layers

Video-Wall

VideoWall Splicing	Splicing	Support videowall splicing (max 32 LCD display units)
	Video-Wall	Support Splicing Zoom/Merge/ Roam/Overlay
	Input Source	HDMI, DVI-I, CVBS, 3G-SDI
	Output Port	HDMI, 3G-SDI
	Control Mode	PC client/Local GUI/iPad

Network

Interface	2 RJ-45 ports (10/100/1000M)
Serial Port	3 RS232 ports (RJ45), for console and control 1 RS485 port
USB	1 USB2.0, 2 USB3.0

Environmental

Power Supply	115V~230V, 47Hz~63Hz(Redundant power optional)
Power Consumption	90W(Minimum system)/360W(Full configuration)
Working Environment	-10°C ~+55°C (14 °F to 131 °F) / 10~90%RH / 86~106kpa
Dimension	2.5U, 482.6 × 436.8 × 111.9 mm (19 × 17.20 × 4. inch),(W*D*H)
Weight	≤15Kg (33.07 lb)(full configured)

Dimensions (mm/inch)

