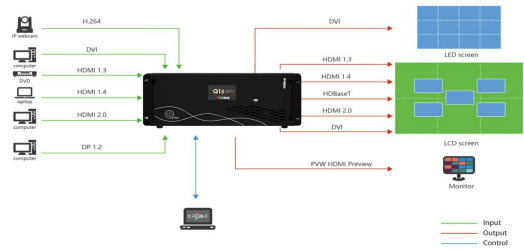


Q16pro



Product Overview

Q16pro adopts a high-performance video image processing system with a pure hardware wire-speed processing architecture, which is suitable for education and scientific research, government announcements, information publishing, administrative management, military command, exhibitions, security monitoring, commercial sales and other industries. The modular input and output card structure is adopted, and the arbitrary mixing function of the input card is realized at the same time. Not only can it easily access the common HDMI/DVI/VGA/SDI and other multiple signals, but also support DP 1.2, HDMI 2.0 and other ultra-high resolution 4K/8K signal input and output, easily realize 4K multi-screen point-to-point splicing.

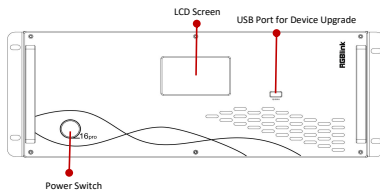


Features

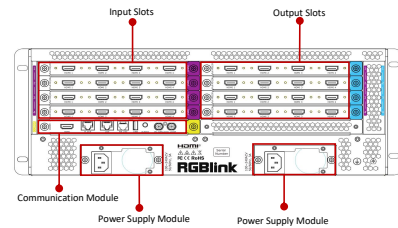
- Each module supports 8 screens spanning the output port without occupying layers
- 12 bit input and output, RGB 4:4:4 color space
- Dual independent OSD rolling subtitles
- Multi-window monitoring for inputs and outputs
- 1 signal output supported
- LOGO overlay
- Seamless switch between signals and scenes
- Dual power module backup

Appearance

Front Panel



Rear Panel



Connectors

Input Connectors	
Name	Description
<i>Optional</i>	
DVI (preliminary)	4×DVI-I (Compatible with HDMI/DVI/VGA/YPbPr/CVBS)
SDI (SD/HD/3G) (preliminary)	8×BNC(4 In 4 Loop)
DVI (preliminary)	4×DVI-I
HDMI 1.3	4×HDMI-A
DP 1.2 HDMI 2.0 (preliminary)	2×DP 2×HDMI-A
HDBaseT (preliminary)	4×RJ45
H.265 (preliminary)	2×RJ45

Output Connectors	
Name	Description
<i>Optional</i>	
DVI (preliminary)	4×DVI-I (Compatible with VGA)
HDMI 2.0 (preliminary)	2×HDMI-A
HDMI 1.3	4×HDMI-A
SDI (SD/HD/3G) (preliminary)	4×BNC
HDBaseT (preliminary)	4×RJ45

Communication Connectors	
Name	Description
<i>Optional</i>	
LAN	1×RJ45
RS 232	1×RJ11
PVW	1×HDMI-A
H.265	1×RJ45
GENLOCK	2×BNC (1 IN 1 LOOP)

Power	
Name	Description
Power Module	1×IEC

Resolutions

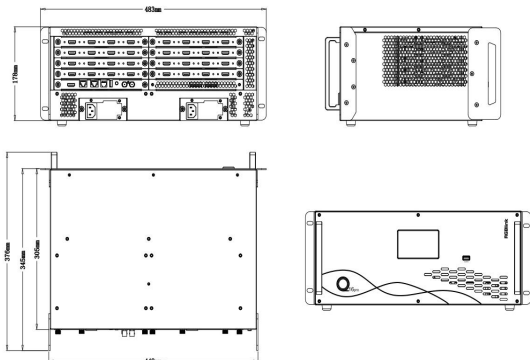
Input Resolutions		Automatic recognition
HDBaseT		
SMPT E	720p@50/59.94/60	1080p@50/59.94/60
VESA	800×600@60	1024×768@60 1280×768@60 1280×1024@60 1360×768@60 1366×768@60 1440×900@60 1400×1050@60 1600×1200@60 1680×1050@60 1920×1080@60
H.264/H.265		
SMPT E	720p@50/60	1080p@30/50/60 2160p@30
DVI HDMI 1.3		
SMPT E	720x480p@60	720x576p@50 1280x720p@23.98/24/25/29.97/30/50/59.94/60 1920x1080i@50/59.94/60 1920x1080p@24/25/29.97/30/50/59.94/60 Custom
VESA	800x600p@60/75/85	1024x768p@60/75/85 1280x800p@60 1280x1024p@60/75/85 1360x768p@60 1366x768p@60 1440x900p@60 1400x1050p@60 1680x1050p@60 1920x1080p@60 1920x1200p@60 Custom
SDI (SD/HD/3G)		
SMPT E	720p@50/60	1080p@23.94/24.97/25/30/50/59.94/60 1080i@50/59.94/60
DP 1.2 HDMI 2.0		
SMPT E	720p@50/60	1080p@30/50/60 2160p@30
VESA	800×600@60	1024×768@60 1280×720@60 1280×800@60 1280×1024@60 1360×768@60 1366×768@60 1440×900@60 1400×1050@60 1600×1200@60 1680×1050@60 1920×1080@60 1920x1200@60 3840×2160@30/60
Output Resolutions		Select from below or configure customized
DVI HDMI 1.3		
SMPT E/VESA	1024x768p@60	1280x720p@50/59.94/60 1280x800p@60 1280x1024p@60 1360x768p@60 1366x768p@60 1400x1050p@60 1440x900p@60 1600x1200p@60 1680x1050p@60 1920x1080p@23.98/24/25/29.97/30/50/59.94 /60 2560x816p@60 2048x1152p@60 Custom
HDBaseT		
SMPT E	720p@50/59.94/60	1080p@50/59.94/60
VESA	800×600@60	1024×768@60 1280×768@60 1280×1024@60 1360×768@60 1366×768@60 1440×900@60 1400×1050@60 1600×1200@60 1680×1050@60 1920×1080@60
SDI (SD/HD/3G)		
SMPT E	720p@50/60	1080p@23.98/29.97/25/30/50/59.94/60 1080i@50/59.94/60
HDMI 2.0		
SMPT E	720p@50/60	1080p@30/50/60 2160p@30/60
VESA	1024×768@60	1280×720@60 1280×768@60 1280×800@60 1280×1024@60 1360×768@60 1440×900@60 1920×1200@60 3840×570@60 2560×1600@60/120 3840×2160@30/60

Specification

Model	Q16pro 2U (preliminary)		Q16pro 4U	Q16pro 8U (preliminary)	Q16pro 14U (preliminary)
Specification	2U		4U	8U	14U
Input Slots	3		4	10	20
Output Slots	2		4	10	20
Shared Slots	nonsupport		Output slot No.1~No.4	Output slot No.1~No.8	Output slot No.1~No.18
Physical	Net Dimension	483.4mmx377mmx89mm	483.4mmx376mmx178mm	488mmx370mmx355.6mm	485mmx310mmx560mm
	Package Dimension	630mmx585mmx250mm	645mmx525mmx295mm	665mmx525mmx495mm	596mmx456mmx780mm
	What's included	1 x Network Cable 1 x HDMI-DVI Cable 1 x DVI Cable 1 x Power Cable			
Supported Stabards	SDI	SD/HD/3G			
	HDMI	2.0			
	DVI	1.0			
	DP	1.2			
	H.265	H.265			
	HDBaseT	1.0			
Power	Input Voltage	AC 100V-240V, 50/60Hz (2U supports single power supply module, 4U and above supports double power supply module.)			
Working Environment	Temperature	0℃~45℃			
Storage Environment	Humidity	15%~85%, RH			
Storage Environment	Temperature	0℃~55℃			
Environment	Humidity	5% ~ 85%, RH			

Specifications are correct at time of printing and subject to change or alteration without notice!

Dimension



Order Codes

Product Code	Item
710-1002-06-0	Q16pro 2U (preliminary)
710-1002-01-1	Q16pro 4U (Communication Module Included)
710-1002-01-0	Q16pro 4U (Communication Module with PVW Included)
710-1002-07-0	Q16pro 8U (preliminary)
710-1002-08-0	Q16pro 14U (preliminary)
790-1002-01-0	Q Series Quad HDMI 1.3 Input Module
790-1002-02-0	Q Series Single IP Input Module (preliminary)
790-1002-03-0	Q Series Quad HDMI 2.0 & DP 1.2 Input Module (preliminary)
790-1002-04-0	Q Series Quad 3G SDI (LOOP) Input Module (preliminary)
790-1002-05-0	Q Series Quad DVI Input Module (preliminary)
790-1002-21-0	Q Series Quad HDMI 1.3 Output Module
790-1002-22-0	Q Series Communication Module with PVW
790-1002-23-0	Q Series Dual HDMI 2.0 Output Module (preliminary)
790-1002-24-0	Q Series Communication Module
790-1002-25-0	Q Series Quad 3G SDI Output Module (preliminary)
790-1002-26-0	Q Series Quad DVI Output Module (preliminary)
790-1002-27-0	Q Series Single IP Output Module (preliminary)
790-1002-30-0	Q Series PVW Module with Dante (preliminary)
950-1004-01-0	Q Series 300W Redundant Power Module

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