



Q16pro Gen2 1U

4K Multi-Layer Video wall Processor



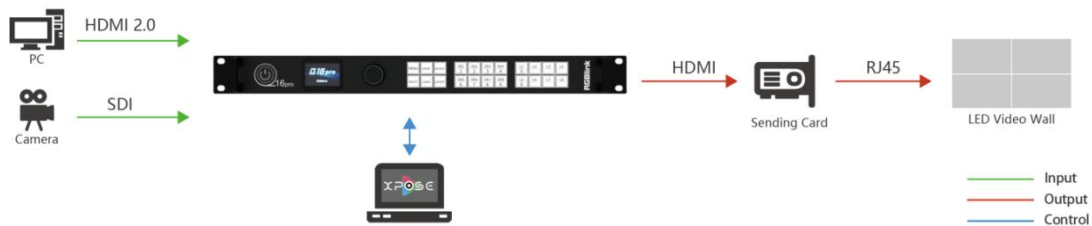
Technical Specification

Revision History

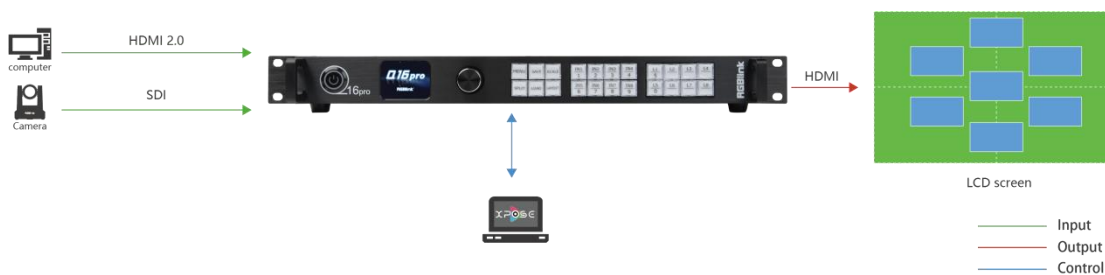
Version	Date	Description	Principal
V1.0	2024-11-13	First release	Rainbow
V1.1	2025-03-26	Delete Quad HDMI 1.3 Input Module	Alyssa
V1.2	2025-06-25	Verify the product codes	Alyssa

Product Overview

Q16pro Gen2 1U adopts **modular design**, which supports up to **8 inputs**, including quad HDMI2.0, quad DVI, quad SD/HD/3G SDI, quad HDBaseT , dual HDMI 2.0 & dual DP 1.2, dual HDMI 1.3 & dual DVI, single H.264/265 for 2K and 4K signals optional; **4 outputs**, with dual HDMI 2.0, quad HDMI 1.3, quad DVI, quad SDI, quad HDBaseT , dual HDMI 1.3 Output Module with Dante and Streaming Output Module optional. The **standard 2K unit** comes with 4 HDMI 1.3 outputs and builds with local front control panel and remote control interfaces with RS 232 and Ethernet ports. Q16pro Gen2 1U is available to be **remote controlled** by XPOSE or 3rd party APP / controller by open API. Q16pro Gen2 1U combines rugged design, class-leading video processing and image quality, ultra-low latency, versatile 4K connectivity, live streaming capabilities, and unmatched ease of use to meet the requirement of the modern commercial display systems application, including live corporate meetings, hybrid events, worship productions, or large-scale LED video wall installations. Its 8 layers with **roaming capacity** and **layer can cross over each output without layer counting up**.



Q16pro Gen2 1U_Application Diagram 1



Q16pro Gen2 1U_Application Diagram 2

Features

Inputs & Outputs

- **3 types of device configuration**
 - * Q16pro Gen2 1U 4K Standard A
 - 1 x Host (with Communication Module)
 - 1 x Quad HDMI 2.0 Input Module
 - 1 x Quad HDMI 1.3 Output Module
 - * Q16pro Gen2 1U 4K Standard B
 - 1 x Host (with Communication Module)
 - 2 x Quad HDMI 2.0 Input Module
 - 1 x Quad HDMI 1.3 Output Module
- **8 types of pluggable input modules, user configurable**
 - * Quad HDMI 2.0 Input Module
 - * Quad HDMI 1.3 Input Module
 - * Quad 3G SDI Input Module
 - * Quad DVI Input Module
 - * Quad HDBaseT Input Module
 - * Dual HDMI 1.3 & Dual DVI Input Module
 - * Dual HDMI 2.0 & Dual DP 1.2 Input Module
 - * Single IP Input Module
- **7 types of pluggable output modules, user configurable**
 - * Quad HDMI 1.3 Output Module
 - * Quad DVI Output Module
 - * Quad SDI Output Module
 - * Quad HDBaseT Output Module
 - * Dual HDMI 2.0 Output Module
 - * Streaming Output Module
 - * Dual HDMI 1.3 Output Module with Dante

Key Features

- Modular design with flexible input & output combinations
- Dual OSD rolling subtitles for 2K output module
- De-interlacing function
- Support 8 screens spanning the output port without occupying layers
- 4K@60 input & output
- Custom EDID & output resolutions
- Control via XPOSE and RGBlink OpenAPI
- Connect to the webcam for decoding

Device Controls

- XPOSE Software Control**
 Q16pro Gen2 1U can be connected to the XPOSE software for smart and convenient device management.
- Panel Control**
 Front panel operation.
- Remote Control**
 Connect remote controller to USB port of the communication module.

Appearance

Front Panel



Name	Description
Power Button	- Press the button to power on or power off the device. - Button light turns red when powered on.
LCD Panel	Display current status of the device, and provide interactive choices in conjunction with buttons on the front panel.
Knob	- Rotate the knob to select a item. - Press the knob to confirm the operation.
Buttons	- MENU: 1) Enter main menu; 2) Back to the previous menu. - SAVE: Push SAVE+Digital Button to save scenes to SCENE1-16. - SCALE: Adjust width、height、H position and V position of layers. - SPLIT: Select layout for Split Mode. - LOAD: Push LOAD+Digital Button to load scenes. - LAYOUT: Select layout for Presentation Mode. - IN1-IN8: 1) Input signal selection buttons; 2) 1, 2, 3, 4, 6, 7, 8, 9 digital button. - L1-L8: 1) Layer selection buttons; 2) L1 and L5 as 5, 0 digital button
Handles	For carrying device.
Rack Mount Ears	Use with the load-bearing screws to fix device on the rack.



Note: Please refer to < Q16pro Gen2 1U User Manual > for more details of buttons.

Rear Panel



Name	Description
Input Slots	- Support quad HDMI2.0, quad DVI, quad 3G SDI, quad HDBaseT, dual HDMI 2.0 & dual DP 1.2, dual HDMI 1.3 & dual DVI, single IP and other optional input modules  purple tip indicates input
Output Slots	- Support quad HDMI 1.3, quad DVI, quad SDI, quad HDBaseT, dual HDMI 2.0, dual DP 1.2, dual HDMI 1.3 Output Module with Dante and Streaming Output Module  blue tip indicates output
Communication Module	1xLAN、1xRS 232、1xUSB  yellow tip indicates communication
Power Module	1×IEC power socket
Interface Protector	Used to pull out device, fix cables and protect interfaces from collision

Module Specification

INPUT MODULE		
Input Module 1: Quad HDMI 2.0 Input Module		
		Key Features - Fully modular architecture - Support 4 HDMI2.0 (with HDCP) inputs - Input resolution up to 3840×2160@60Hz - EDID management - Support hot swap
Connectors	Input	4xHDMI-A
Performance	Resolution	SMPTE 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 3840x2160p@30/50/59.94/60 VESA 1024x768p@60/75/85 1280x800p@60 1280x1024p@60/75/85 1360x768p@60 1366x768p@60 1440x900p@60 1400x1050p@60 1680x1050p@60 1920x1080p@60 1920x1200p@60 3840x2160p@30/50/59.94/60
	Max Width/Height	- Max width: 3840 (3840x2160@60) - Max height: 2160 (3840x2160@60)
	Frame Rate	≤240Hz
	Overall Bandwidth	≥235W
	Transmission Rate	≤20Gbps
	Transmission Cable Length	≤10m
Physical	Weight	0.27kg
	Dimension	202mm x 190.8mm x 20mm
Order Code	Product Code	791-2002-01-1

INPUT MODULE		
Input Module 2: Quad DVI Input Module		
		Key Features - Fully modular architecture - Quad standard DVI input signals - Input resolution up to 2048×1080@60Hz - EDID management - Support hot swap
Connectors	Input	4xDVI-I
Performance	Resolution	SMPTE 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 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
	Custom Resolutions	1536x960@60 1840x960@60 1920x1152@60 1872x1152@60
		Note: Resolutions listed above have been tested already, for other custom resolutions not mentioned, please refer to the actual use.
	Max Width/Height	- Max width: 2048 (2048x1080@60) - Max height: 1200 (1920x1200@60)
	Frame Rate	≤240Hz
	Overall Bandwidth	≥235W
	EDID Management	Support DVI 1.0 / HDMI 1.3
	HDCP	HDCP 1.X compliant
	Transmission Rate	≤20Gbps
	Transmission Cable Length	≤10m
Physical	Weight	0.27kg
	Dimension	202mm x 190.8mm x 20mm
Order Code	Product Code	791-2002-03-1

INPUT MODULE**Input Module 3: Dual HDMI 1.3 & Dual DVI Input Module**

		Key Features - Fully modular architecture - Support HDMI (with HDCP) inputs - Input resolution up to 2048×1080@60Hz - EDID management - Support hot swap
Connectors	Input	2xHDMI-A 2xDVI-I
Performance	Resolution	SMPTE 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 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
	Custom Resolutions	1536x960@60 1840x960@60 1920x1152@60 1872x1152@60
		Note: Resolutions listed above have been tested already, for other custom resolutions not mentioned, please refer to the actual use.
	Max Width/Height	- Max width: 2048 (2048x1080@60) - Max height: 1200 (1920x1200@60)
	Frame Rate	≤240Hz
	Overall Bandwidth	≥235W
	EDID Management	Support DVI 1.0 / HDMI 1.3
	HDCP	HDCP 1.X compliant
	Transmission Rate	≤20Gbps
Physical	Weight	0.27kg
	Dimension	202mm x 190.8mm x 20mm
	Order Code	Product Code 791-2002-04-1

INPUT MODULE		
Input Module 4: Quad 3G SDI (LOOP) Input Module		
		Key Features - Fully modular architecture - Input resolution up to 1920×1080@60Hz - Support I/P signal input - Support hot swap
Connectors	Input	8xBNC (4 IN 4 LOOP)
Performance	Resolution	SMPTE 480i@60 720x480p@60 576i@50 1280x720p@50/59.94/60 1920x1080i@50/59.94/60 1920x1080p@23.98/24/25/29.97/30/50/59.94/60
		VESA 1920x1080p@60
	Standard	- Support ST-424 (3G), ST292 (HD) standard video inputs. - Support 3G-Level A/Level B (DS mode).
	Frame Rate	≤240Hz
	Overall Bandwidth	≥207W
	Interlaced Signal Inputs	Support
	Transmission Rate	≤20Gbps
	Transmission Cable Length	≤100m
Physical	Weight	0.40kg
	Dimension	202mm x 190.8mm x 20mm
Order Code	Product Code	791-2002-07-1

INPUT MODULE**Input Module 5: Dual HDMI 2.0 & Dual DP 1.2 Input Module**

		Key Features - Fully modular architecture - Support HDMI(with HDCP) inputs - Input resolution up to 3840×2160@60Hz - EDID management - Support hot swap - Choose one 4K60 input signal or two 4K30 input signals to use
Connectors	Input	2xHDMI-A 2xDP
Performance	Resolution	SMPTE 480i@60 720x480p@60 576i@50 720x576p@50 1280x720p@50/59.94/60 1920x1080p@23.98/24/25/29.97/30/50/59.94/60 3840x1080p@30/60 3840x2160p@25/30/50/60 Custom VESA 640x480p@60/75/85 800x600p@60/75/85 1024x768p@60/75/85 1280x800p@60 1280x1024p@60/75/85 1360x768p@60 1366x768p@60 1440x900p@60 1400x1050p@60 1366x768p@60 1680x1050p@60 1920x1080p@60 1920x1200p@60 2048x1152p@60 2560x1440p@60 2560x1600p@60 3840x2160p@25/30/50/60
	Max Width/Height	- Max width: 3840 - Max height: 2160
	Frame Rate	≤240Hz
	Overall Bandwidth	≥829W
	EDID Management	Support HDMI 2.0 / HDMI 1.4 / HDMI 1.3
	HDCP	HDCP 2.2 compliant
	Transmission Rate	≤20Gbps
	Transmission Cable Length	≤10m
Physical	Weight	0.27kg
	Dimension	202mm x 190.8mm x 20mm
Order Code	Product Code	791-2002-06-1

INPUT MODULE		
Input Module 6: Single IP Input Module		
		Key Features - Fully modular architecture - Max support 16-channel 540p60 decoding - Support RTSP/RTMP network protocol - Support NDI protocol transmission - Support hot swap
Connectors	Input	1xUSB-A 1xRJ45 Gigabit Network Port
Performance	Resolution	SMPTE 720p@30/50/60 1080p@30/50/60 2160p@30/60
	Network Protocol	- RTSP - RTMP - NDI 6
	Decoding Standard	- H.265 Main Profile Level 5.1 - H.264 Baseline/Main/High Profile Level 5.0 - NDI HX - NDI HX2, NDI HX3 (planned)
	Decoding Resolution	1-channel: 3840x2160@60 4-channel: 1920x1080@60 16-channel: 960x540@60
	Single Card Decoding Capability	1-channel: 3840x2160@60fps 4-channel: 3840x2160@30fps 1920x1080@60fps 16-channel: 1920x1080@30fps
	Transmission Cable Length	≤100m
Physical	Weight	0.28kg
	Dimension	202mm x 190.8mm x 20mm
Order Code	Product Code	791-2002-05-1

INPUT MODULE**Input Module 7: Quad HDBaseT Input Module**

		Key Features - Fully modular architecture - Resolution up to 1920×1080@60 - Extend up to 100m - Uncompressed audio and video transmission - Support hot swap
Connectors	Input	4xRJ45
Performance	Resolution	SMPTE 720p@30/50/60 1080p@30/50/60 2160p@30/60
		VESA 800×600@60 1024×768@60 1280×768@60 1280×1024@60 1600×1200@60 1920×1080@60
	Transmission Rate	≤20Gbps
	Transmission Cable Length	≤100m
Physical	Weight	0.30kg
	Dimension	202mm x 190.8mm x 20mm
Order Code	Product Code	791-2002-08-1

OUTPUT MODULE

Output Module 1: Quad HDMI 1.3 Output Module

		Key Features - Fully modular architecture - Output resolution up to 2048×1152@60Hz - Support hot swap
Connectors	Output	4xHDMI-A
Performance	Resolution	SMPTE/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 1920x1200p@60 2560x816p@60 2048x1152p@60 Custom
	Custom Resolutions	1536x960p@60 1840x960p@60 1920x1152p@60 1920x1200p@60 1872x 1152p@60 2048x1152p@60 1536x1536p@60 2048x1080p@60 2304x 1080p@60 2560x960p@60 3840x640p@60 3840x1080p@30 640x3840p @30/50 512x3840p@50 1152x1536p@60 Note: Resolutions listed above have been tested already, for other custom resolutions not mentioned, please refer to the actual use.
	Max Width/Height	- Max width: 3840 (3840x640p@60) - Max height: 3840 (640x3840p@50)
	Frame Rate	≤240Hz
	Overall Bandwidth	≥245W
	Transmission Rate	≤20Gbps
	Transmission Cable Length	≤10m
Physical	Weight	0.28kg
	Dimension	202mm x 190.8mm x 20mm
Order Code	Product Code	791-2002-31-1

OUTPUT MODULE

Output Module 2: Quad DVI Output Module

		Key Features - Fully modular architecture - Output resolution up to 2048×1152@60Hz - Support hot swap
Connectors	Output	4xDVI-I
Performance	Resolution	SMPTE/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 1920x1200p@60 2560x816p@60 2048x1152p@60 Custom
	Custom Resolutions	1536x960p@60 1840x960p@60 1920x1152p@60 1920x1200p@60 1872x1152p@60 2048x1152p@60 1536x1536p@60 2048x1080p@60 2304x1080p@60 2560x960p@60 3840x640p@60 3840x1080p@30 640x3840p@30/50 512x3840p@50 1152x1536p@60 Note: Resolutions listed above have been tested already, for other custom resolutions not mentioned, please refer to the actual use.
	Max Width/Height	- Max width: 3840 (3840x640p@60) - Max height: 3840 (640x3840p@50)
	Frame Rate	≤240Hz
	Overall Bandwidth	≥245W
	Transmission Rate	≤20Gbps
	Transmission Cable Length	≤10m
Physical	Weight	0.28kg
	Dimension	202mm x 190.8mm x 20mm
Order Code	Product Code	791-2002-32-1

OUTPUT MODULE**Output Module 3: Quad 3G SDI Output Module**

		Key Features - Fully modular architecture - Output resolution up to 1920×1080@60Hz - Support hot swap
Connectors	Output	4xBNC
Performance	Resolution	SMPTE 1280x720p@50/59.94/60 1920x1080p@23.98/24/25/29.97/30/50/59.94/60
	Frame Rate	≤240Hz
	Overall Bandwidth	≥207W
	Transmission Rate	≤20Gbps
	Transmission Cable Length	≤100m
Physical	Weight	0.34kg
	Dimension	202mm x 190.8mm x 20mm
Order Code	Product Code	791-2002-33-1

OUTPUT MODULE

Output Module 4: Dual HDMI 2.0 Output Module

		Key Features - Fully modular architecture - Output resolution up to 4096×2160@60Hz - Support hot swap
Connectors	Output	2xHDMI-A
Performance	Resolution	SMPTE/VESA 1024x768p@60 1280x720p@50/59.94/60 1280x800p@60 1280x1024p@60 1360x768p@60 1400x1050p@60 1440x900p@60 1600x1200p@60 1680x1050p@60 1920x1080p@23.98/24/25/29.97/30/50/59.94/60 1920x1200p@60 2560x816p@60 2048x1152p@60 2560x1440p@60 2560x1600p@60 3840x1080p@30/60 3840x2160p@50/59.94/60 4096x2160p@25/50/59.94/60 Custom
	Custom Resolutions	1024x768@60 1280x720@50/59.94/60 1280x800@60 1280x1024@60 1360x768@60 1400x1050@60 1440x900@60 1600x1200@60 1680x1050@60 1920x1080@23.98/24/25/29.97/30/50/59.94/60 1920x1200@60 2560x816@60 2048x1152@60 2560x1440@60 2560x1600@60 3840x1080@60 3840x2160@50/59.94/60 4096x2160@25/50/59.94/60 Note: Resolutions listed above have been tested already, for other custom resolutions not mentioned, please refer to the actual use.
	Max Width/Height	- Max width: 4096 (4096x2160p@60) - Max height: 2160 (4096x2160p@60)
	Frame Rate	≤240Hz
	Overall Bandwidth	≥884W
	Transmission Rate	≤20Gbps
	Transmission Cable Length	≤10m
Physical	Weight	0.26kg
	Dimension	202mm x 190.8mm x 20mm
Order Code	Product Code	791-2002-35-1

OUTPUT MODULE

Output Module 5: Quad HDBaseT Output Module



Key Features

- Fully modular architecture
- Resolution up to 1920×1080@60
- Support cropping, scaling and roaming of 16 layers
- Extend up to 100m`
- Support hot swap

Connectors	Output	4xRJ45
Performance	Resolution	SMPTE 720p@30/50/60 1080p@30/50/60
		VESA 800×600@60 1024×768@60 1280×768@60 1280×1024@60 1600×1200@60 1920×1080@60
	Transmission Rate	≤20Gbps
	Transmission Cable Length	≤100m
Physical	Weight	0.30kg
	Dimension	202mm x 190.8mm x 20mm
Order Code	Product Code	791-2002-34-1

COMMUNICATION MODULE**Communication Module: Communication Module with LAN, RS232, USB****Key Features**

- Fully modular architecture
- Support hot swap

Connectors	Type	Description
	1xLAN	Ethernet port for system upgrade and remote control via XPOSE.
	1xRS232	Serial port for system upgrade and remote control via XPOSE.
	1xUSB	USB port, used to connect remote controller.
Physical	Weight	0.30kg
	Dimension	202mm x 190.8mm x 20mm

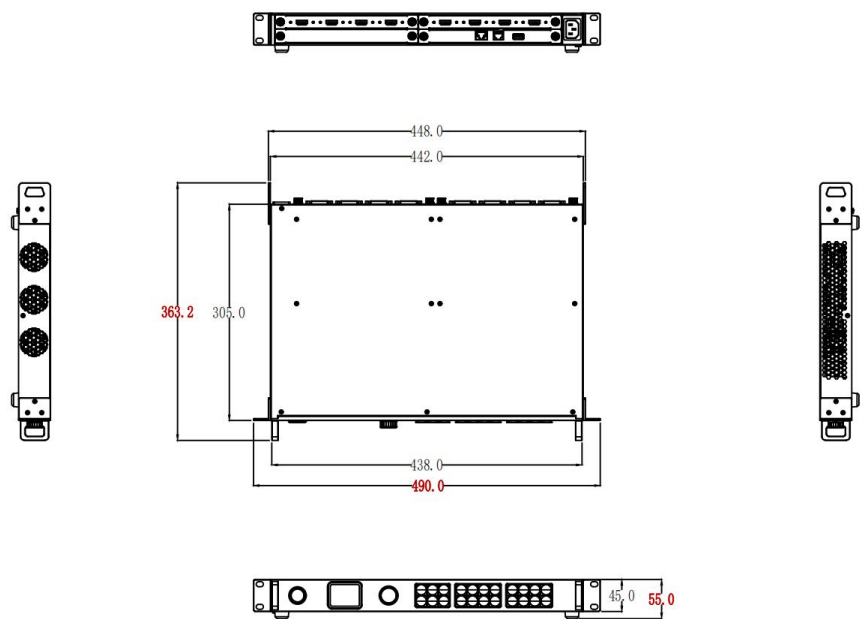
Others



Name	Description
Ground Screw	Increase the safety and reliability, and avoid accidents such as fire and explosion caused by static electricity.
Shockproof Foot	Four shockproof pads to support device and protect device away from inevitable knocks under transportation.

Dimensions

Dimension of Q16pro Gen2 1U: 490mm x 363.2mm x 55mm



unit: mm

Product Technical Specification

Physical	Specification	1U
	Net Dimension	490mm x 363.2mm x 55mm
	Package Dimension	530mm x 440mm x 120mm
	Net Weight	3.8kg
	Packaged Weight	5.5kg
	Module Weight	Quad HDMI 2.0 Input Module 0.28kg
		Quad DVI Input Module 0.27kg
		Dual HDMI 1.3 & DVI Input Module 0.27kg
		Dual HDMI 2.0 & DP 1.2 4K@60 Input Module 0.27kg
		Quad 3G SDI Input Module 0.40kg
		Quad HDBaseT Input Module 0.30kg
		Single IP Input Module 0.28kg
		Quad HDMI 1.3 Output Module 0.27kg
		Quad DVI Output Module 0.28kg
		Quad HDBaseT Output Module 0.30kg
		Dual HDMI 2.0 Output Module 0.28kg
		Quad 3G SDI Output Module 0.34kg
		Streaming Output Module 0.28kg
		Dual HDMI 1.3 Output Module with Dante 0.31kg
		Communication Module 0.30kg
	What's included	2 x HDMI Cable 1 x Network Cable 1 x DB9 to RJ11 Cable 1 x Power Cable 1 x Anti-static Bag
Supported Standards	SDI	SD/HD/3G
	HDMI	2.0 (HDCP 2.2 supported)
	DVI	1.0
	DP	1.2
	HDBaseT	1.0
	IP	H.265
Power	Input Voltage	AC 100V-240V, 50/60Hz
	Max Power	65W
Working Environment	Temperature	-5°C ~ 45°C
	Humidity	10%~85%, RH
Certificate		CE、FCC、RoHS



Note: Power consumption may vary depending on various factors such as product settings, usage, and

environment. Specifications are correct at time of printing and subject to change or alteration without notice!
www.rgblink.com


Video Source Specifications

INPUT		Features		
		Bit Depth	Color Space/Sampling	Input Resolutions
Input Module 1	HDMI 1.3	8bit	RGB4:4:4	1920x1080@60
			YUV4:4:4	
			YUV4:2:2	
		10bit	RGB4:4:4	1920x1080@30
			YUV4:4:4	
			YUV4:2:2	
		12bit	RGB4:4:4	1920x1080@30
YUV4:4:4				
Input Module 2	DVI	8bit	RGB4:4:4	1920x1080@60
			YUV4:4:4	
			YUV4:2:2	
		10bit	RGB4:4:4	1920x1080@30
			YUV4:4:4	
			YUV4:2:2	
		12bit	RGB4:4:4	1920x1080@30
			YUV4:4:4	
		Input Module 3	SDI	10bit
Input Module 4	HDMI 2.0	8bit	RGB4:4:4	3840x2160@60
			YUV4:4:4	
			YUV4:2:2	
		Note	● For requirements of other resolutions, frame rates and bit depths on input module, please contact RGBlink for customization. ● YUV4:2:0 is not supported.	
OUTPUT		Features		
		Bit Depth	Color Space/Sampling	Output Resolutions
Output Module 1	HDMI 1.3	8bit	RGB4:4:4	1920x1080@60
			YUV4:4:4	
			YUV4:2:2	
		10bit	RGB4:4:4	1920x1080@30
			YUV4:4:4	
			YUV4:2:2	
		12bit	RGB4:4:4	1920x1080@30
YUV4:4:4				
Output Module 2	DVI	8bit	RGB4:4:4	1920x1080@60
			YUV4:4:4	

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			YUV4:2:2	
		10bit	RGB4:4:4	1920x1080@30
			YUV4:4:4	
			YUV4:2:2	
		12bit	RGB4:4:4	1920x1080@30
			YUV4:4:4	
Output Module 3	HDMI 2.0	8bit	RGB4:4:4	3840x2160@60
			YUV4:4:4	
			YUV4:2:2	
Output Module 4	DP 1.2	8bit	RGB4:4:4	3840x2160@60
			YUV4:4:4	
			YUV4:2:2	
		Note	- For requirements of other resolutions, frame rates and bit depths on output module, please contact RGBlink for customization. - YUV4:2:0 is not supported.	

Notes and Cautions

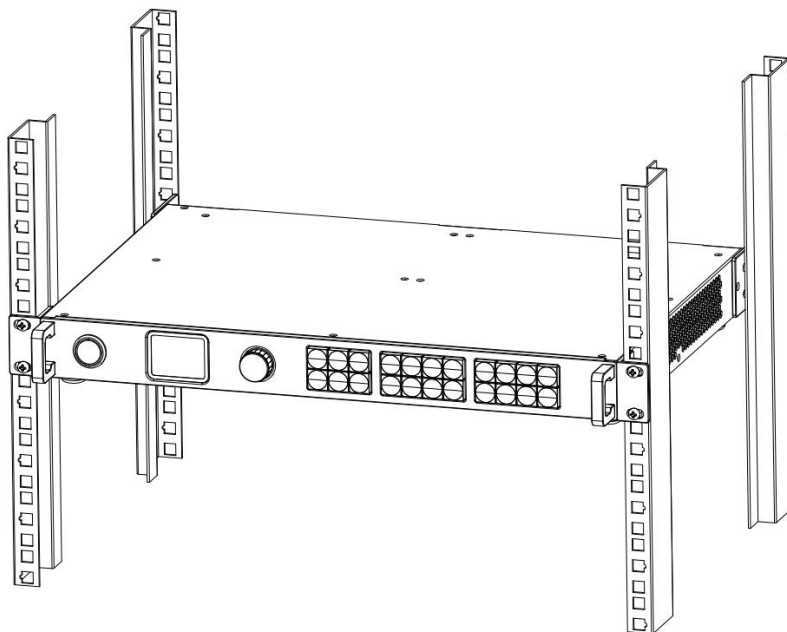
Notes for Battery

The general safety information in this summary is for operating personnel.

- **Do Not Remove Covers or Panels** — There are no user-serviceable parts within the unit. Removal of the top cover will expose dangerous voltages. To avoid personal injury, do not remove the top cover. Do not operate the unit without the cover installed.
- **Power Source** — This product is intended to operate from a power source that will not apply more than 230 volts rms between the supply conductors or between both supply conductor and ground. A protective ground connection by way of grounding conductor in the power cord is essential for safe operation.
- **Grounding the Product** — This product is grounded through the grounding conductor of the power cord. To avoid electrical shock, plug the power cord into a properly wired receptacle before connecting to the product input or output terminals. A protective-ground connection by way of the grounding conductor in the power cord is essential for safe operation.
- **Use the Proper Power Cord** — Use only the power cord and connector specified for your product. Use only a power cord that is in good condition. Refer cord and connector changes to qualified service personnel.
- **Use the Proper Fuse** — To avoid fire hazard, use only the fuse having identical type, voltage rating, and current rating characteristics. Refer fuse replacement to qualified service personnel.
- **Do Not Operate in Explosive Atmospheres** — To avoid explosion, do not operate this product in an explosive atmosphere.

Notes for Installation

When the product needs to be installed on the rack, 4 screws at least M5*12 should be used to fix it. The rack for installation shall bear at least 42kg weight.



- **Safety Precautions** — To protect users from electric shock, ensure that the chassis connects to earth via the ground wire provided in the AC power Cord. The AC Socket-outlet should be installed near the equipment and be easily accessible.
- **Unpacking and Inspection** — Before opening device shipping box, inspect it for damage. If you find any damage, notify the shipping carrier immediately for all claims adjustments. As you open the box, compare its contents against the packing slip. If you find any shortages, contact your sales representative.
- **Site Preparation** — The environment in which you install your device should be clean, properly lit, free from static, and have adequate power, ventilation, and space for all components.
- **Mechanical Loading** — Mounting of the device in the rack should be such that a hazardous condition is not achieved due to uneven mechanical loading.

Order Codes

Product Code	Item
710-1002-10-1	Q16pro Gen2 1U 4K Standard A: 1 x Host (Communication Module Included) 1 x Quad HDMI 2.0 Input Module 1 x Quad HDMI 1.3 Output Module
710-1002-10-2	Q16pro Gen2 1U 4K Standard B: 1 x Host (Communication Module Included) 2 x Quad HDMI 2.0 Input Module 1 x Quad HDMI 1.3 Output Module
710-2016-01-0	Q16pro Gen2 1U: 1 x Host (Communication Module Included)
791-2002-01-1	Q16pro Gen2 1U Quad HDMI 2.0 Input Module
791-2002-03-1	Q16pro Gen2 1U Quad DVI Input Module
791-2002-04-1	Q16pro Gen2 1U Dual HDMI 1.3 & Dual DVI Input Module
791-2002-05-1	Q16pro Gen2 1U Single IP Input Module
791-2002-06-1	Q16pro Gen2 1U Dual HDMI 2.0 & Dual DP 1.2 Input Module
791-2002-07-1	Q16pro Gen2 1U Quad 3G SDI (LOOP) Input Module
791-2002-08-1	Q16pro Gen2 1U Quad HDBaseT Input Module
791-2002-31-1	Q16pro Gen2 1U Quad HDMI 1.3 Output Module
791-2002-32-1	Q16pro Gen2 1U Quad DVI Output Module
791-2002-33-1	Q16pro Gen2 1U Quad 3G SDI Output Module
791-2002-34-1	Q16pro Gen2 1U Quad HDBaseT Output Module
791-2002-35-1	Q16pro Gen2 1U Dual HDMI 2.0 Output Module

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