Colorlight

X100 Pro-11U

Video Splicer Specification V1.2

CONTENTS

01 PRODUCT INTRODUCTION

1.1 Overview

The X100 Pro-11U, part of the X100 Pro series, seamlessly integrates video processing and splicing. Powered by a robust FPGA architecture, this unit offers a secure and stable software system, making it ideal for diverse applications. Whether for command and dispatch centers, power system operation centers, convention centers, data visualization centers, broadcasting centers, or high-end stage rentals, the X100 Pro-11U delivers unparalleled reliability and performance.

In addition to an impressive load capacity of 117 million pixels, the X100 Pro-11U boasts a modular design that supports flexible combinations of multiple types of boards. Input ports include HDMI, DisplayPort (DP), SDI, DVI, IP, VGA, and CVBS, while output options feature Gigabit Ethernet (GbE), 10G fiber, HDMI, and DVI.

Excelling in multiple screen management, the X100 Pro-11U delivers 4K HDR ultra high-quality video with 10-bit video input and processing. It supports video source cropping, scaling, and the addition of various display elements like background images, subtitles, and signal logos. The unit also supports multiple redundancy options, including fiber ports, Ethernet ports, and power supplies, ensuring high availability. Additional features include real-time 4K UHD video preview and monitoring, temperature and fan speed monitoring, and automatic fan speed control. This versatility makes the X100 Pro-11U well-suited for small-pitch LED video walls, LCD video walls, and projection screens.

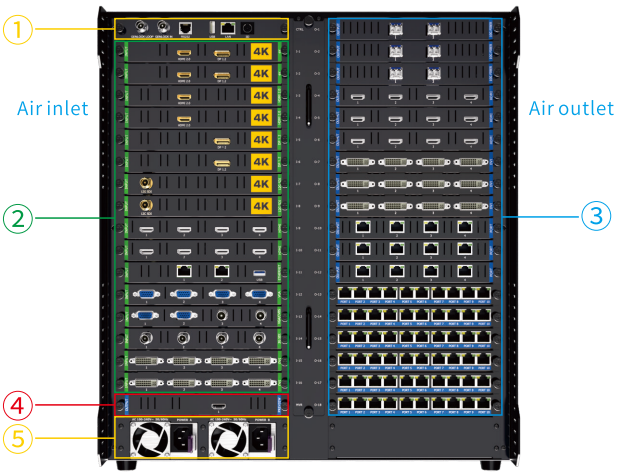
Compatible with multiple operating systems such as Windows, macOS, iOS, and Linux, the X100 Pro series supports cross-platform control and management via a web browser. This series offers practical features such as real-time multi-user collaboration and modular permission management. Combined with an intuitive user interface, it offers a smooth human-machine interaction experience.

1.2 Appearance

Front Panel

No.	Name	Description
1	Touch screen	Displays device status and allows for parameters configuration and device operation.
2	Power switch	Power on/off the device.

Rear Panel



No.	Name	Description
1	Main board	GENLOCK IN port, GENLOCK LOOP port, RS-232 serial port, USB 2.0 port, GbE port, 3D port.
2	Input board	Supports 10 types of input boards.
3	Output board	Supports 6 types of output boards.
4	Preview board	1×HDMI 2.0 port for Preview (2K/4K self-adaptive) + 1×HDMI 2.0 port for Program (2K/4K self-adaptive). Multiple Multiviewer options: ● Connect to a monitor. ● View on the touch screen. ● Access via the web application.
5	Power supply	AC 100-240V, 50/60Hz, supports dual power supplies (a redundant power supply is optional).

Notes on slot silkscreen markings:

- Slots marked "I-x" are for input boards, where "I" indicates input and "x" stands for the slot number.
- Slots marked "O-x" are for output boards, where "O" indicates output and "x" stands for the slot number.
- Slot marked "MVR" is for the preview board.
- Slot marked "CTRL" is for the main board.

02 FEATURES

Modular Design Flexible Combination

- Multiple solutions for LED, LCD, and projection screens
  - 10G fiber output: Loads up to 6,550,000 pixels (including backup) per board and 117 million pixels per device.
  - 5G Ethernet output: Loads up to 5,890,000 pixels (including backup) per board and 106 million pixels per device.
  - 1G Ethernet output: Loads up to 6,550,000 pixels (including backup) per board and 117 million pixels per device.
  - HDMI 2.0 output: Loads up to 1× 4096×2160@60Hz per board.
  - HDMI 1.4 output: Loads up to 4× 1920×1200@60Hz per board.
  - DVI output: Loads up to 4× 1920×1200@60Hz per board.
- Input/output boards:
  - Input ports: HDMI 2.0, DP 1.2, 12G-SDI, IP, HDMI 1.4, DVI, VGA, CVBS, 3G-SDI.
  - Output ports: HDMI 2.0, HDMI 1.4, DVI, 10G fiber, 5G Ethernet, 1G Ethernet.
- IP input board:
  - Up to 64 IP camera inputs; multi-source splicing supported.
  - H.264/H.265 decoding.
  - Supported protocols: GB28181, ONVIF, RTSP.
  - HDCP-compliant.
- Supports real-time monitoring of the status of all boards.
- Supports input and output frame rates from 23.98Hz to 240Hz.

Multiple Screen Management

- Screen group management: Support up to 6 groups of LED/LCD screens.
  - The output board type (2K, 4K, Ethernet & Fiber) must be the same within each group.
  - For single-group video output, EDID settings must be consistent across all output ports.
  - For multiple-group video output, each group can support a custom resolution.
- User-definable parameters per screen: Layers, colors, presets, frame rates, and more.
- Synchronized splicing between and within screens, with no tearing, delay, or frame loss.

- Advanced seam correction for LED video walls.
- Bezel compensation for LCD video walls.

4K HDR Impeccable Visuals

- DCI 4K: 4096×2160@60Hz.
- HDR:
  - Supports HDR 10, compliant with SMPTE ST 2086/2084.
  - Supports HLG.
- 8-bit and 10-bit color depth.
- Maximum frame rate: 240Hz.

Powerful Video Processing

- Multi-layer display:
  - Up to 92×2K or 23×4K layers per device.
  - Up to 4×2K or 1×4K layers per board.
- Inputs scaling and cropping.
- Layer roaming and free splicing.
- 3D display.
- Precise color management.
- Multiple color formats:
  - RGB, YCbCr444, YCbCr422.
- Supports color management for input sources and screens.
  - Color management adjusts brightness, color temperature, saturation, hue, contrast, brightness compensation, and RGB.

Diversified Display

- BKG: Supports UHD images with a maximum height/width of 32,767 pixels; BKG does not use up any layers.
- OSD (image and text):
  - Scrolling text.
  - Custom direction, speed, and style.
- Signal logo: Supports adding an image or text logo for identifying the signal.

All-Round Multiviewer

- 2×HDMI 2.0 ports: One for Preview and another for Program, both 2K/4K self-adaptive.
- Multiple Multiviewer options:
  - Connect to a monitor.
  - View on the touch screen.
  - Access via the web application.

Web Control Smart Interaction

- Cross-platform web control; real-time multi-user collaboration.
- Screen/device management, input configuration, and splicing settings.
- Screen mapping, screen parameter transmission, and advanced seam correction.
- App control via Kylin visualization intelligent control platform.
- Up to 6,000 scene presets: Available for real-time loading and scheduled playback.

Secure and Stable

- Dual power supplies ensure 24/7 uptime (a redundant power supply is optional).
- Supports uninterrupted upgrades and power-on auto-startup.
- Parameter snapshot, as well as multiple redundancies for Ethernet, fiber, and devices.
- Permission management.
- Real-time monitoring:
  - Monitors device status, power status, temperature, fan speed, and automatic fan speed control based on temperature.
  - Automatic brightness adjustment via multi-function cards.
  - Multi-platform monitoring: Available via web, app, and front panel.

03 APPLICATIONS

Note: The image displayed is for illustrative purposes and may vary from the actual product.

04 BOARD SPECIFICATIONS

4.1 Input Boards

10 types of input boards available for flexible configuration:

Name	Model
1×HDMI 2.0 input board	V4KH1INV5101
1×DP 1.2 input board	V4KD1INV5101
1×HDMI 2.0 + 1×DP 1.2 input board	V4K2IN1V5101
1×12G-SDI input board	X100IN022
4×HDMI 1.4 input board	X100IN0021
4×DVI input board	X100IN0011
4×VGA input board	X100IN018
2×VGA + 2×CVBS input board	X100IN020
4×3G-SDI input board	X100IN004
2×IP input board	VIPX2V2001

Number of input boards per device:

Max. input boards	16	
Input Boards	**Max. Input Ports**	**Max. Load Capacity**
1×HDMI 2.0 input board	1	4096×2160@60Hz
1×DP 1.2 input board	1	4096×2160@60Hz
1×HDMI 2.0 + 1×DP 1.2 input board	2	4096×2160@60Hz
1×12G-SDI input board	1	4096×2160@60Hz
4×HDMI 1.4 input board	4	4×1920×1200@60Hz
4×DVI input board	4	4×1920×1200@60Hz
4×VGA input board	4	4×1920×1080@60Hz
2×VGA+2×CVBS input board	4	2×1920×1080@60Hz
4×VGA input board	4	4×1920×1080@60Hz
2×VGA+2×CVBS input board	4	8×3840×2160@30fps

Name: 1×HDMI 2.0 input board	Model: V4KH1INV5101
Details	 1×HDMI Type A port, supporting 1×4K input. **1×HDMI 2.0** ● Backwards compatible with HDMI 1.4/1.3. ● The maximum pixel clock is 600MHz. ● Supports a maximum resolution of 4096×2160@60Hz or 8192×1080@60Hz, and a minimum resolution of 800×600@60Hz. ● Supports custom resolutions through EDID configuration: - Maximum width: 4096 pixels (4096×2160@60Hz). - Maximum height: 4095 pixels (2160×4095@60Hz). ● Width/height limit: 8192 pixels (forced by external signal). ● 8/10/12-bit input. ● Color formats: RGB, YCbCr444, YCbCr422. ● Frame rates: 23.98Hz to 240Hz. ● Supports HDR10 and HLG. ● Supports HDCP2.2 and HDCP1.4. ● Progressive only. **Specifications** ● Weight: 280 g (9.9 oz) ● Dimensions: 186.6 mm (7.3'')×190.2 mm (7.5'')×23.5 mm (0.9'') ● Power consumption: 4.4W
Tech Specs	● For video specifications, refer to Section 5.1.1.

Name: 1×DP 1.2 input board	Model: V4KD1INV5101
Details	 1×DP port, supporting 1×4K input. **1×DP 1.2** ● Backwards compatible with DP 1.1. ● The maximum pixel clock is 600MHz. ● Supports a maximum resolution of 4096×2160@60Hz or 8192×1080@60Hz, and a minimum resolution of 800×600@60Hz. ● Supports custom resolutions through EDID configuration: - Maximum width: 4096 pixels (4096×2160@60Hz). - Maximum height: 4095 pixels (2160×4095@60Hz). ● Width/height limit: 8192 pixels (forced by external signal). ● 8/10/12-bit input. ● Color formats: RGB, YCbCr444, YCbCr422. ● Frame rates: 23.98Hz to 240Hz. ● Supports HDR10 and HLG. ● Supports HDCP2.2 and HDCP1.4. ● Progressive only. **Specifications** ● Weight: 280 g (9.9 oz) ● Dimensions: 186.6 mm (7.3'')×190.2 mm (7.5'')×23.5 mm (0.9'') ● Power consumption: 4.4W
Tech Specs	● For video specifications, refer to Section 5.1.2.

Name: 1×HDMI 2.0 + 1×DP 1.2 input board	Model: V4K2IN1V5101

1×HDMI Type A port + 1×DP port (either-or), supporting 1×4K input.

Details

1×HDMI 2.0

- Backwards compatible with HDMI 1.4/1.3.
- The maximum pixel clock is 600MHz.
- Supports a maximum resolution of 4096×2160@60Hz or 8192×1080@60Hz, and a minimum resolution of 800×600@60Hz.
- Supports custom resolutions through EDID configuration:
  - Maximum width: 4096 pixels (4096×2160@60Hz).
  - Maximum height: 4095 pixels (2160×4095@60Hz).
- Width/height limit: 8192 pixels (forced by external signal).
- 8/10/12-bit input.
- Color formats: RGB, YCbCr444, YCbCr422.
- Frame rates: 23.98Hz to 240Hz.
- Supports HDR10 and HLG.
- Supports HDCP2.2 and HDCP1.4.
- Progressive only.

1×DP 1.2

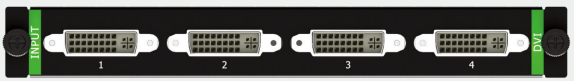
- Backwards compatible with DP 1.1.
- The maximum pixel clock is 600MHz.
- Supports a maximum resolution of 4096×2160@60Hz or 8192×1080@60Hz, and a minimum resolution of 800×600@60Hz.
- Supports custom resolutions through EDID configuration:
  - Maximum width: 4096 pixels (4096×2160@60Hz).
  - Maximum height: 4095 pixels (2160×4095@60Hz).
- Width/height limit: 8192 pixels (forced by external signal).
- 8/10/12-bit input.
- Color formats: RGB, YCbCr444, YCbCr422.
- Frame rates: 23.98Hz to 240Hz.

Details	● Supports HDR10 and HLG. ● Supports HDCP2.2 and HDCP1.4. ● Progressive only. **Specifications** ● Weight: 286 g (10 oz) ● Dimensions: 186.6 mm (7.3'')×190.2 mm (7.5'')×23.5 mm (0.9'') ● Power consumption: 4.9 W
Tech Specs	● For video specifications, refer to Sections 5.1.1 and 5.1.2.

Name: 1×12G-SDI input board Model: X100IN022

Details	 1×12G-SDI port, supporting 1×4K input. **1×12G-SDI** ● Backwards compatible with 6G-SDI, 3G-SDI (Level A/B), HD-SDI, and SD-SDI. ● Supports SMPTE ST 2082-1 (12G), ST 2081-1 (6G), ST 424 (3G), ST 292 (HD), and ST 259 (SD) standards. ● Supports a maximum resolution of 4096×2160@60Hz. ● 8/10-bit input. ● Color format: YCbCr422. ● Frame rates: 23.98Hz to 60Hz. ● 480i, 576i, and 1080i de-interlacing. **Specifications** ● Weight: 299 g (10.5 oz) ● Dimensions: 186.6 mm (7.3'')×190.2 mm (7.5'')×23.5 mm (0.9'') ● Power consumption: 6.1W
Tech Specs	● For video specifications, refer to Section 5.1.6.

Name: 4×HDMI 1.4 input board	Model: X100IN0021
Details	 4×HDMI Type A ports, supporting 4×2K inputs. **4×HDMI 1.4** ● The maximum pixel clock is 165MHz. ● Each port supports a maximum resolution of 1920×1200@60Hz, and a minimum resolution of 800×600@60Hz. ● Supports custom resolutions through EDID configuration: - Maximum width: 4096 pixels (4096×512@60Hz). - Maximum height: 4095 pixels (512×4095@60Hz). ● Width/height limit: 4096 pixels (forced by external signal). ● 8-bit input. ● Color formats: RGB, YCbCr444, YCbCr422. ● Frame rates: 23.98Hz to 240Hz. ● Supports HDCP1.4. ● Progressive only. **Specifications** ● Weight: 279 g (9.8 oz) ● Dimensions: 186.6 mm (7.3'')×190.2 mm (7.5'')×23.5 mm (0.9'') ● Power consumption: 6.2W
Tech Specs	● For video specifications, refer to Section 5.1.3.

Name: 4×DVI input board	Model: X100IN0011
Details	 4×Single-Link DVI-I ports, supporting up to 4×2K inputs. **4×DVI** ● The maximum pixel clock is 165MHz. ● Each port supports a maximum resolution of 1920×1200@60Hz, and a minimum resolution of 800×600@60Hz. ● Supports custom resolutions through EDID configuration: - Maximum width: 4096 pixels (4096×512@60Hz). - Maximum height: 4095 pixels (512×4095@60Hz). ● Width/height limit: 4096 pixels (forced by external signal). ● 8-bit input. ● Color formats: RGB, YCbCr444, YCbCr422. ● Frame rates: 23.98Hz to 240Hz. ● Supports HDCP1.4. ● Progressive only. **Specifications** ● Weight: 500 g (17.6 oz) ● Dimensions: 193 mm (7.6'')×243.2 mm (9.6'')×19.82 mm (0.8'') ● Power consumption: 18W
Tech Specs	● For video specifications, refer to Section 5.1.4.

Name: 4×VGA input board	Model: X100IN018
Details	 4×VGA ports, supporting up to 4×2K inputs. **4×VGA** ● Each port supports a maximum resolution of 1920×1080@60Hz, and a minimum resolution of 640×480@60Hz. **Specifications** ● Weight: 296 g (10.4 oz) ● Dimensions: 193 mm (7.6'')×243.2 mm (9.6'')×19.82 mm (0.8'') ● Power consumption: 14.3W
Tech Specs	● For video specifications, refer to Section 5.1.5.

Name: 2×VGA + 2×CVBS input board	Model: X100IN020
Details	 2×VGA ports, 2×CVBS ports. **2×VGA** ● Each port supports a maximum resolution of 1920×1080@60Hz, and a minimum resolution of 640×480@60Hz. **2×CVBS** ● Supports both PAL and NTSC standards. **Specifications** ● Weight: 311 g (11 oz) ● Dimensions: 193 mm (7.6'')×243.2 mm (9.6'')×19.82 mm (0.8'') ● Power consumption: 14.3W

Tech Specs	● For video specifications, refer to Section 5.1.5.

Name: 4×3G-SDI input board	Model: X100IN0004
Details	 4×3G-SDI ports, supporting 4×2K inputs. **4×3G-SDI** ● Backwards compatible with 3G-SDI (Level A/B), HD-SDI, and SD-SDI. ● Supports SMPTE ST 424 (3G), ST 292 (HD), and ST 259 (SD) standards. ● Each port supports a maximum resolution of 1920×1080@60Hz. ● 8/10-bit input. ● Color format: YCbCr422. ● Frame rates: 23.98Hz to 60Hz. ● 480i, 576i, and 1080i de-interlacing. **Specifications** ● Weight: 372 g (13.1 oz) ● Dimensions: 193 mm (7.6'')×243.2 mm (9.6'')×19.82 mm (0.8'') ● Power consumption: 8.3W
Tech Specs	● For video specifications, refer to Section 5.1.7.

Name: 2×IP Input Board	Model: VIPX2V2001
Details	 2×RJ45 GbE ports + 1×USB 3.0 port. **2×RJ45** ● Connects to IPC video sources with redundancy support. ● Supports H.264 (AVC) and H.265 (HEVC) video encoding standards. ● Supported protocols: GB28181, ONVIF. ● Supports RTSP. ● Decoding capabilities per board: - 8× 3840×2160@30Hz. - 18× 2560×1440@30Hz. - 32× 1920×1080@30Hz. - 64× 720×576@30Hz. ● Supports DHCP. **1×USB 3.0** ● Supports firmware upgrades for the IP board via a USB drive. **Specifications** ● Weight: 325 g (11.5 oz) ● Dimensions: 193 mm (7.6'')×243.2 mm (9.6'')×19.82 mm (0.8'') ● Power consumption: 8W

4.2 Output Boards

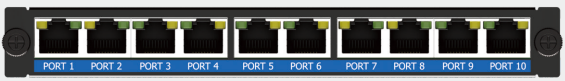
6 types of output boards available for flexible configuration:

Name	Model
10×1G Ethernet output board	X100OUT04
4×5G Ethernet output board	X100PROV1001
2×fiber output board	X100OUT05
1×HDMI 2.0 output board	X100OUT18
4×HDMI 1.4 output board	X100OUT02
4×DVI output board	X100OUT01

Number of output boards per device:

Max. output boards	18	
Output Boards	**Max. Output Ports**	**Max. Load Capacity**
10×1G Ethernet output board	10	6.55 million pixels
4×5G Ethernet output board	4	5.89 million pixels (including backup)
2×fiber output board	2	6.55 million pixels (including backup)
1×HDMI 2.0 output board	1	4096×2160@60Hz
4×HDMI 1.4 output board	4	4× 1920×1200@60Hz
4×DVI output board	4	4× 1920×1200@60Hz

Name: 10×1G Ethernet output board Model: X100OUT04



Details

As an LED sending card, this board loads up to 6.55 million pixels, with a maximum width/height of 32,767 pixels.

10×RJ45 1G Ethernet ports

- 8/10-bit output.
- Frame rates: 23.98Hz to 240Hz.
- Supports loop redundancy between Ethernet ports.

Status LEDs

- Solid green: Normal power supply.
- Blinking orange: Normal data communication.

Specifications

- Weight: 306 g (10.8 oz)
- Dimensions: 193 mm (7.6'')×243.2 mm (9.6'')×19.82 mm (0.8'')
- Power consumption: 9W

	Frame Rate (Hz)	Color Depth (bit)	Pixels
Load Capacity per Board	60	8	6.55 million
		10	4.91 million
	120	8	3.27 million
		10	2.45 million
	240	8	1.63 million
		10	1.22 million
Load Capacity per Port	60	8	0.65 million
		10	0.49 million
	120	8	0.32 million
		10	0.24 million
	240	8	0.16 million
		10	0.12 million

Name: 4×5G Ethernet output board Model: X100PROV1001

Details

As an LED sending card, this board loads up to 5.89 million pixels (including backup), with a maximum width/height of 32,767 pixels. Use with a shieled Cat6A cable.

4×RJ45 5G Ethernet ports (2 primary + 2 backup)

- 8/10-bit output.
- Frame rates: 23.98Hz to 240Hz.
- Supports loop redundancy between Ethernet ports.

Status LEDs

- Solid green: Normal power supply.
- Blinking orange: Normal data communication.

Specifications

- Weight: 305 g (10.8 oz)
- Dimensions: 193 mm (7.6'')×243.2 mm (9.6'')×19.82 mm (0.8'')
- Power consumption: 9.3W

	Frame Rate (Hz)	Color Depth (bit)	Pixels
Load Capacity per Board	60	8	5.89 million
		10	4.42 million
	120	8	2.94 million
		10	2.21 million
	240	8	1.47 million
		10	1.10 million
Load Capacity per Port	60	8	2.94 million
		10	2.21 million
	120	8	1.47 million
		10	1.10 million
	240	8	0.73 million
		10	0.55 million

Name: 2×fiber output board Model: X100OUT05

Details

As an LED sending card, this board loads up to 6.55 million pixels (including backup), with a maximum width/height of 32,767 pixels. Use with a dedicated fiber optic transceiver.

2×10G fiber ports (1 primary + 1 backup)

- Supports active redundancy: Port 1 operates independently, with Port 2 automatically backing up its data.
- Port 1 can be converted to 10× 1G Ethernet ports via a fiber optic transceiver.
- Supports output from Port 1 to be displayed at any position within the device control area.
- 8/10-bit output.
- Frame rates: 23.98Hz to 240Hz.
- Supports both single-mode and multi-mode SFP+ optical modules, with a maximum transmission distance of 10 km.
- Comes with 2 single-mode, dual-core optical modules, with a transmission distance of 2 km and a wavelength of 1,310 nm. Optical modules of other specifications are optional.

Specifications

- Weight: 325 g (11.5 oz)
- Dimensions: 193 mm (7.6'')×243.2 mm (9.6'')×19.82 mm (0.8'')
- Power consumption: 5.7W

Load Capacity per Board

Frame Rate (Hz)	Color Depth (bit)	Pixels
60	8	6.55 million
	10	4.91 million
120	8	3.27 million
	10	2.45 million
240	8	1.63 million
	10	1.22 million

Name: 1×HDMI 2.0 Output Board	Model: X100OUT18
Details	 1×HDMI 2.0 port, supporting 1×4K@60Hz output. **1×HDMI 2.0** ● Supports a maximum resolution of 4096×2160@60Hz, and a minimum resolution of 800×600@60Hz. ● Supports custom resolutions: - Maximum width: 8192 pixels (8192×1080@60Hz). - Maximum height: 8188 pixels (1024×8188@60Hz). ● 8/10-bit output. ● Color format: RGB. ● Frame rates: 23.98Hz to 144Hz. **Specifications** ● Weight: 278 g (9.8 oz) ● Dimensions: 193 mm (7.6'')×243.2 mm (9.6'')×19.82 mm (0.8'') ● Power consumption: 4.7W
Tech Specs	● For video specifications, refer to Section 5.2.1.

Name: 4×HDMI 1.4 output board	Model: X100OUT02
Details	 4×HDMI 1.4 ports, supporting 4×2K@60Hz outputs. **4×HDMI 1.4** ● Supports a maximum resolution of 1920×1200@60Hz, and a minimum resolution of 800×600@60Hz. ● Supports custom resolutions:

Details	- Maximum width: 8192 pixels (8192×1080@60Hz). - Maximum height: 8188 pixels (1024×8188@60Hz). ● Color format: RGB. ● Frame rates: 23.98Hz to 144Hz. **Specifications** ● Weight: 285 g (10 oz) ● Dimensions: 193 mm (7.6'')×243.2 mm (9.6'')×19.82 mm (0.8'') ● Power consumption: 3.8W
Tech Specs	● For video specifications, refer to Section 5.2.2.

Name: 4×DVI output board Model: X100OUT01

Details	 1×HDMI 2.0 port, supporting 1×4K@60Hz output. **4×DVI** ● Supports a maximum resolution of 1920×1200@60Hz, and a minimum resolution of 800×600@60Hz. ● Supports custom resolutions: -Maximum width: 4096 pixels (4096×512@60Hz). -Maximum height: 4096 pixels (512×4096@60Hz). ● Color format: RGB. ● Frame rates: 23.98Hz to 144Hz. **Specifications** ● Weight: 282 g (9.9 oz) ● Dimensions: 193 mm (7.6'')×243.2 mm (9.6'')×19.82 mm (0.8'') ● Power consumption: 3.7W
Tech Specs	● For video specifications, refer to Section 5.2.3.

4.3 Preview Board

Name: Preview board	Model: X100PV3101

Details

2×HDMI 2.0

- Multiple Multiviewer options:
  - Connect to a monitor.
  - View on the touch screen.
  - Access via the web application.
- Supports 3840×2160@60Hz and 1920×1080@60Hz.
- Port 1 defaults to Preview and Port 2 to Program. You can configure both ports to show either Preview or Program at the same time.
- Supports custom layouts for both Preview and Program, with multiple built-in templates available.

Specifications

- Weight: 388 g (13.7 oz)
- Dimensions: 186.6 mm (7.3'')×23.5 mm (0.9'')×190.2 mm (7.5'')
- Power consumption: 24W

4.4 Main Board

Name: Main board	
Details	 **1×GENLOCK IN + 1×GENLOCK LOOP** ● 1×GENLOCK IN for Genlock signal input; 1×GENLOCK LOOP for loop-through output of the Genlock signal. ● Supports Black Burst, Bi-level, and Tri-level signals. **1×RJ11 (RS-232)** ● RS-232 serial ports (baud rate: 115,200), for connecting to a central controller or other control devices. **1×USB 2.0** ● For firmware upgrade via a USB flash drive. **1×RJ45 1G Ethernet port** ● Communication port for the host. ● Connects to a PC, tablet, or other devices via a switch or router for device configuration and control. **1×3D (VESA)** ● Connects to a 3D emitter to control 3D glasses (both optional accessories).

05 PORT SPECIFICATIONS

5.1 Input Ports

5.1.1 HDMI2.0

Resolution	Color Format	Color Depth (bit)	Frame Rate (Hz)
DCI4K 4096×2160	RGB/YCbCr444	12	23.98,24,25,29.97,30
		10	23.98,24,25,29.97,30,50
		8	23.98,24,25,29.97,30,50,59.94,60
	YCbCr422	8/10/12	
UHD 3840×2160	RGB/YCbCr444	10	23.98,24,25,29.97,30,50
		8	23.98,24,25,29.97,30,50,59.94,60
	YCbCr422/YCbCr420	8/10	
QHD 2560×1440	RGB/YCbCr444	12	23.98,24,25,29.97,30,50,59.94,60
		10	23.98,24,25,29.97,30,50,59.94,60,100
		8	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144
	YCbCr422	8/10	
2K 2048×1152	RGB/YCbCr444/ YCbCr422	8/10	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144
WUXGA 1920×1200	RGB/YCbCr444/ YCbCr422/YCbCr420	8/10	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144
FHD 1920×1080	RGB/YCbCr444	12	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120
	RGB/YCbCr444/ YCbCr422	8/10	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144
UXGA 1600×1200	RGB/YCbCr444/ YCbCr422	8/10	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144
SXGA 1280×1024	RGB/YCbCr444/ YCbCr422	8/10	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144,200,240
HD 1280×720	RGB/YCbCr444/ YCbCr422	8/10	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144,200,240

5.1.2 DP1.2

Resolution	Color Format	Color Depth (bit)	Frame Rate (Hz)
DCI4K 4096×2160	RGB/YCbCr444	12	23.98,24,25,29.97,30
		8/10	23.98,24,25,29.97,30,50,59.94,60
	YCbCr422	8/10/12	
UHD 3840×2160	RGB/YCbCr444/ YCbCr422	8/10	23.98,24,25,29.97,30,50,59.94,60
QHD 2560×1440	RGB/YCbCr444	12	23.98,24,25,29.97,30
		8/10	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144
	YCbCr422	8/10	
2K 2048×1152	RGB/YCbCr444/ YCbCr422	8/10	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144
WUXGA 1920×1200	RGB/YCbCr444/ YCbCr422	8/10	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144
FHD 1920×1080	RGB/YCbCr444/	12	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120
	RGB/YCbCr444/ YCbCr422	8/10	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144
UXGA 1600×1200	RGB/YCbCr444/ YCbCr422	8/10	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144
SXGA 1280×1024	RGB/YCbCr444/ YCbCr422	8/10	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144,200,240
HD 1280×720	RGB/YCbCr444/ YCbCr422	8/10	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144,200,240

Note: The above lists standard resolutions. For non-standard resolutions, ensure they remain within the interface bandwidth limit.

5.1.3 HDMI1.4

Resolution	Color Format	Color Depth (bit)	Frame Rate (Hz)
WUXGA 1920×1200	RGB/YCbCr444/ YCbCr422	8	23.98,24,25,29.97,30,50,59.94,60
FHD 1920×1080	RGB/YCbCr444/ YCbCr422	8	23.98,24,25,29.97,30,50,59.94,60
UXGA 1600×1200	RGB/YCbCr444/ YCbCr422	8	23.98,24,25,29.97,30,50,59.94,60
SXGA 1280×1024	RGB/YCbCr444/ YCbCr422	8	23.98,24,25,29.97,30,50,59.94,60,100
HD 1280×720	RGB/YCbCr444/ YCbCr422	8	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120
XGA 1024×768	RGB/YCbCr444/ YCbCr422	8	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144
SVGA 800×600	RGB/YCbCr444/ YCbCr422	8	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144,200,240

Note: The above lists standard resolutions. For non-standard resolutions, ensure they remain within the interface bandwidth limit.

5.1.4 SL-DVI

Resolution	Color Format	Color Depth (bit)	Frame Rate (Hz)
2K 2048×1152	RGB/YCbCr444/ YCbCr422	8	23.98,24,25,29.97,30,50,59.94,60
WUXGA 1920×1200	RGB/YCbCr444/ YCbCr422	8	23.98,24,25,29.97,30,50,59.94,60
FHD 1920×1080	RGB/YCbCr444/ YCbCr422	8	23.98,24,25,29.97,30,50,59.94,60
UXGA 1600×1200	RGB/YCbCr444/ YCbCr422	8	23.98,24,25,29.97,30,50,59.94,60
SXGA 1280×1024	RGB/YCbCr444/ YCbCr422	8	23.98,24,25,29.97,30,50,59.94,60,100
HD 1280×720	RGB/YCbCr444/ YCbCr422	8	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120
XGA 1024×768	RGB/YCbCr444/ YCbCr422	8	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144
SVGA 800×600	RGB/YCbCr444/ YCbCr422	8	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144,200,240

Note: The above lists standard resolutions. For non-standard resolutions, ensure they remain within the interface bandwidth limit.

5.1.5 VGA

Resolution	Color Format	Color Depth (bit)	Frame Rate (Hz)
WUXGA 1920×1200	RGB	8	23.98,24,25,29.97,30,50,59.94,60
FHD 1920×1080	RGB	8	23.98,24,25,29.97,30,50,59.94,60
UXGA 1600×1200	RGB	8	23.98,24,25,29.97,30,50,59.94,60
SXGA 1280×1024	RGB	8	23.98,24,25,29.97,30,50,59.94,60
HD 1280×720	RGB	8	23.98,24,25,29.97,30,50,59.94,60
XGA 1024×768	RGB	8	23.98,24,25,29.97,30,50,59.94,60
SVGA 800×600	RGB	8	23.98,24,25,29.97,30,50,59.94,60

Note: The above lists standard resolutions. For non-standard resolutions, ensure they remain within the interface bandwidth limit.

5.1.6 12G-SDI

Resolution	Color Format	Color Depth (bit)	Frame Rate (Hz)
12G-SDI 4096×2160 3840×2160	YCbCr422	8/10	50,59.94,60
6G-SDI 4096×2160 3840×2160	YCbCr422	8/10	23.98,24,25,29.97,30
3G-SDI 2048×1080 1920×1080	YCbCr422	8/10	50,59.94,60
HD-SDI 1920×1080i	YCbCr422	8/10	50,59.94,60
HD-SDI 2048×1080 1920×1080	YCbCr422	8/10	23.98,24,25,29.97,30
HD-SDI 1280×720	YCbCr422	8/10	23.98,24,25,29.97,30,50,59.94,60
ED-SDI 720×576 720×480	YCbCr422	8/10	50,59.94
SD-SDI 720×576i 720×480i	YCbCr422	8/10	50,59.94

Note: The above lists standard resolutions. For non-standard resolutions, ensure they remain within the interface bandwidth limit.

5.1.7 3G-SDI

Resolution	Color Format	Color Depth (bit)	Frame Rate (Hz)
3G-SDI 2048×1080 1920×1080	YCbCr422	8/10	50,59.94,60
HD-SDI 1920×1080i	YCbCr422	8/10	50,59.94,60
HD-SDI 2048×1080 1920×1080	YCbCr422	8/10	23.98,24,25,29.97,30
HD-SDI 1280×720	YCbCr422	8/10	23.98,24,25,29.97,30,50,59.94,60
ED-SDI 720×576 720×480	YCbCr422	8/10	50,59.94
SD-SDI 720×576i 720×480i	YCbCr422	8/10	50,59.94

Note: The above lists standard resolutions. For non-standard resolutions, ensure they remain within the interface bandwidth limit.

5.2 Output Ports

5.2.1 HDMI2.0

Resolution	Color Format	Color Depth (bit)	Frame Rate (Hz)
DCI4K 4096×2160	RGB	10	23.98,24,25,29.97,30
		8	23.98,24,25,29.97,30,50,59.94,60
UHD 3840×2160	RGB	10	23.98,24,25,29.97,30
		8	23.98,24,25,29.97,30,50,59.94,60
QHD 2560×1440	RGB	10	23.98,24,25,29.97,30,50,59.94,60,100
		8	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120
2K 2048×1152	RGB	8/10	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144
WUXGA 1920×1200	RGB	8/10	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144
FHD 1920×1080	RGB	8/10	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144
UXGA 1600×1200	RGB	8/10	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144
SXGA 1280×1024	RGB	8/10	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144
HD 1280×720	RGB	8/10	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144

Note: The above lists standard resolutions. For non-standard resolutions, ensure they remain within the interface bandwidth limit.

5.2.2 HDMI1.4

Resolution	Color Format	Color Depth (bit)	Frame Rate (Hz)
DCI4K 4096×2160	RGB	8	23.98,24,25,29.97,30
UHD 3840×2160	RGB	8	23.98,24,25,29.97,30
QHD 2560×1440	RGB	8	23.98,24,25,29.97,30,50,59.94,60
2K 2048×1152	RGB	8	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120
WUXGA 1920×1200	RGB	8	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120
FHD 1920×1080	RGB	8	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120
UXGA 1600×1200	RGB	8	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120
SXGA 1280×1024	RGB	8	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120
HD 1280×720	RGB	8	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144
XGA 1024×768	RGB	8	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144
SVGA 800×600	RGB	8	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144

Note: The above lists standard resolutions. For non-standard resolutions, ensure they remain within the interface bandwidth limit.

5.2.3 DVI

Resolution	Color Format	Color Depth (bit)	Frame Rate (Hz)
2K 2048×1152	RGB	8	23.98,24,25,29.97,30,50,59.94,60
WUXGA 1920×1200	RGB	8	23.98,24,25,29.97,30,50,59.94,60
FHD 1920×1080	RGB	8	23.98,24,25,29.97,30,50,59.94,60
UXGA 1600×1200	RGB	8	23.98,24,25,29.97,30,50,59.94,60
SXGA 1280×1024	RGB	8	23.98,24,25,29.97,30,50,59.94,60,100
HD 1280×720	RGB	8	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144
XGA 1024×768	RGB	8	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144
SVGA 800×600	RGB	8	23.98,24,25,29.97,30,50,59.94,60,100, 119.88,120,144

Note: The above lists standard resolutions. For non-standard resolutions, ensure they remain within the interface bandwidth limit.

06 CABINET COUNT LOADED

Ethernet Port	Frame Rate	Cabinet Pixels	Cabinet Count	Layout
1G Ethernet port (8-bit)	60Hz	768*432	1	1×1
		640*360	2	2×1, 1×2
		480*270	5	5×1, 2×2, 1×5
		384*216	7	7×1, 3×2, 2×3, 1×7
		320*180	11	11×1, 5×2, 3×3, 2×5, 1×11
		256*512	5	5×1, 2×2, 1×4
		256*256	10	10×1, 5×2, 3×3, 2×4, 1×9
		168*168	23	23×1, 11×2, 7×3, 5×4, 4×5, 3×7, 2×11, 1×21
		128*128	40	40×1, 20×2, 13×3, 10×4, 7×5, 6×6, 5×7, 4×9, 3×13, 2×19, 1×35
	120Hz	640*360	1	1×1
		480*270	2	2×1, 1×2
		384*216	3	3×1, 1×3
		320*180	5	5×1, 2×2, 1×5
		256*512	2	2×1, 1×2
		256*256	5	5×1, 2×2, 1×4
		168*168	11	11×1, 5×2, 3×3, 2×5, 1×10
		128*128	20	20×1, 10×2, 6×3, 5×4, 3×5, 3×6, 2×9, 1×17
	240Hz	480*270	1	1×1
		384*216	1	1×1
		320*180	2	2×1, 1×2
		256*512	1	1×1
		256*256	2	2×1, 1×2
		168*168	5	5×1, 2×2, 1×5
		128*128	10	10×1, 5×2, 3×3, 2×4, 1×8

06 CABINET COUNT LOADED

Ethernet Port	Frame Rate	Cabinet Pixels	Cabinet Count	Layout
1G Ethernet port (10-bit)	60Hz	768*432	1	1×1
		640*360	2	2×1, 1×2
		480*270	3	3×1, 1×3
		384*216	5	5×1, 2×2, 1×5
		320*180	8	8×1, 4×2, 2×4, 1×8
		256*512	3	3×1, 1×3
		256*256	7	7×1, 3×2, 2×3, 1×7
		168*168	17	17×1, 8×2, 5×3, 4×4, 3×5, 2×8, 1×16
		128*128	30	30×1, 15×2, 10×3, 7×4, 6×5, 4×6, 4×7, 3×9, 2×14, 1×27
	120Hz	640*360	1	1×1
		480*270	1	1×1
		384*216	2	2×1, 1×2
		320*180	4	4×1, 2×2, 1×4
		256*512	1	1×1
		256*256	3	3×1, 1×3
		168*168	8	8×1, 4×2, 2×4, 1×8
		128*128	15	15×1, 7×2, 5×3, 3×4, 2×7, 1×13
	240Hz	480*270	1	1×1
		384*216	1	1×1
		320*180	2	2×1, 1×2
		256*256	1	1×1
		168*168	4	4×1, 2×2, 1×4
		128*128	7	7×1, 3×2, 2×3, 1×6

Ethernet Port	Frame Rate	Cabinet Pixels	Cabinet Count	Layout
5G Ethernet port (8-bit)	60Hz	1280*720	3	3×1, 1×3
		768*432	8	8×1, 4×2, 2×4, 1×8
		640*360	12	12×1, 6×2, 4×3, 3×4, 2×6, 1×12
		480*270	22	22×1, 11×2, 7×3, 5×4, 4×5, 3×7, 2×11, 1×22
		384*216	35	35×1, 17×2, 11×3, 8×4, 7×5, 5×7, 4×8, 3×11, 2×17, 1×35
		320*180	51	51×1, 25×2, 17×3, 12×4, 10×5, 8×6, 7×7, 6×8, 5×10, 4×12, 3×17, 2×25, 1×51
		256*512	22	22×1, 11×2, 7×3, 5×4, 4×5, 3×7, 2×10, 1×21
		256*256	45	45×1, 22×2, 15×3, 11×4, 9×5, 7×6, 6×7, 5×9, 4×11, 3×14, 2×21, 1×43
		168*168	104	104×1, 52×2, 20×5, 10×10, 9×11, 5×20, 2×51, 1×96...
		128*128	180	180×1, 90×2, 36×5, 18×10, 13×13, 10×18, 5×35, 2×86, 1×160...
	120Hz	1280*720	1	1×1
		768*432	4	4×1, 2×2, 1×4
		640*360	6	6×1, 2×3, 3×2, 1×6
		480*270	11	11×1, 5×2, 3×3, 2×5, 1×11
		384*216	17	17×1, 8×2, 5×3, 4×4, 3×5, 2×8, 1×17
		320*180	25	25×1, 12×2, 8×3, 6×4, 5×5, 4×6, 3×8, 2×12, 1×25
		256*512	11	11×1, 5×2, 3×3, 2×5, 1×10
		256*256	22	22×1, 11×2, 7×3, 5×4, 4×5, 3×7, 2×10, 1×21
		168*168	52	52×1, 26×2, 17×3, 13×4, 10×5, 8×6, 7×7, 6×8, 5×10, 4×12, 3×16, 2×25, 1×48

Ethernet Port	Frame Rate	Cabinet Pixels	Cabinet Count	Layout
5G Ethernet port (8-bit)	120Hz	128*128	90	90×1, 45×2, 30×3, 22×4, 18×5, 15×6, 12×7, 11×8, 10×9, 9×10, 8×11, 7×12, 6×14, 6×15, 5×17, 5×18, 4×22, 3×30, 2×43, 1×80...
	240Hz	768*432	2	2×1, 1×2
		640*360	3	3×1, 1×3
		480*270	5	5×1, 2×2, 1×5
		384*216	8	8×1, 4×2, 2×4, 1×8
		320*180	12	12×1, 6×2, 4×3, 3×4, 2×6, 1×12
		256*512	5	5×1, 2×2, 1×5
		256*256	11	11×1, 5×2, 3×3, 2×5, 1×10
		168*168	26	26×1, 13×2, 8×3, 6×4, 5×5, 4×6, 3×8, 2×12, 1×24
		128*128	45	45×1, 22×2, 15×3, 11×4, 9×5, 7×6, 6×7, 5×8, 4×10, 3×14, 2×21, 1×40

Ethernet Port	Frame Rate	Cabinet Pixels	Cabinet Count	Layout
5G Ethernet port (10-bit)	60Hz	1280*720	2	2×1, 1×2
		768*432	6	6×1, 2×3, 3×2, 1×6
		640*360	9	9×1, 4×2, 3×3, 2×4, 1×9
		480*270	17	17×1, 8×2, 5×3, 4×4, 3×5, 2×8, 1×17
		384*216	26	26×1, 13×2, 8×3, 6×4, 5×5, 4×6, 3×8, 2×13, 1×26
		320*180	38	38×1, 19×2, 12×3, 9×4, 7×5, 6×6, 5×7, 4×9, 3×12, 2×19, 1×38
		256*512	17	17×1, 8×2, 5×3, 4×4, 3×5, 2×8, 1×16
		256*256	34	34×1, 17×2, 11×3, 8×4, 6×5, 5×6, 4×8, 3×11, 2×16, 1×33

Ethernet Port	Frame Rate	Cabinet Pixels	Cabinet Count	Layout
5G Ethernet port (10-bit)	60Hz	168*168	79	79×1, 38×2, 26×3, 19×4, 15×5, 13×6, 12×7, 9×8, 8×9, 7×11, 6×13, 6×14, 5×15, 4×16, 4×17, 4×18, 2×39, 1×74...
		128*128	136	136×1, 68×2, 27×5, 12×11, 11×12, 5×27, 2×66, 1×125...
	120Hz	1280*720	1	1×1
		768*432	3	3×1, 1×3
		640*360	4	4×1, 2×2, 1×4
		480*270	8	8×1, 4×2, 2×4, 1×8
		384*216	13	13×1, 6×2, 4×3, 3×4, 2×6, 1×13
		320*180	19	19×1, 9×2, 6×3, 4×4, 3×6, 2×9, 1×19
		256*512	8	8×1, 4×2, 2×4, 1×8
		256*256	17	17×1, 8×2, 5×3, 4×4, 3×5, 2×8, 1×16
		168*168	39	39×1,19×2,13×3,9×4,7×5,6×6,5×7, 4×9,3×12,3×13,2×17,2×18,2×19
		128*128	68	68×1, 34×2, 13×5, 11×6, 8×8, 6×11, 5×13, 2×33, 1×62...
	240Hz	768*432	1	1×1
		640*360	2	2×1, 1×2
		480*270	4	4×1, 2×2, 1×4
		384*216	6	6×1, 2×3, 3×2, 1×6
		320*180	9	9×1, 4×2, 3×3, 2×4, 1×9
		256*512	4	4×1, 2×2, 1×4
		256*256	8	8×1, 4×2, 2×4, 1×8
		168*168	19	19×1, 9×2, 6×3, 4×4, 3×6, 2×9, 1×18
		128*128	34	34×1, 17×2, 11×3, 8×4, 6×5, 5×6, 4×8, 3×10, 2×16, 1×31

Note: The parameters listed are for commonly used cabinets. For other cabinets, please contact technical support if you have any questions.

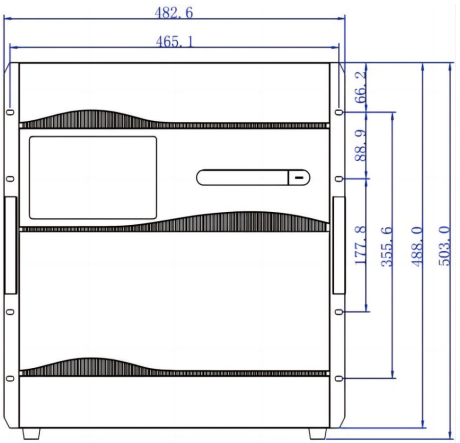
07 DEVICE SPECIFICATIONS

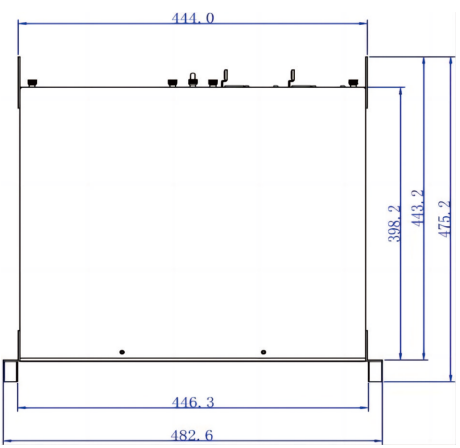
Product Properties		
Series	X100 Pro	
Model	X100 Pro-11U	
Input Specifications		
Max. input boards	16	
Max. inputs	16×4K@60Hz / 64×2K@60Hz	
Output Specifications		
Max. output boards	18	
Max. outputs	18×4K@60Hz / 72×2K@60Hz	
Max. load capacity (LED)	1G Ethernet port	117 million pixels
	5G Ethernet port	106 million pixels (including backup)
	10G fiber port	117 million pixels (including backup)
Number of Layers		
Max. layers	92	
Physical Dimensions (W×H×D)		
Device	482.6 mm (19.0")×488 mm (19.2")×475.2 mm (18.7") (excluding rubber feet)	
Packing	655.0 mm (25.8")×660.0 mm (26.0")×620.0 mm (24.4")	
Weight		
Net	38.0 kg (83.78 lbs)	
Gross	54.0 kg (119.05 lbs)	
Electrical Parameters		
Power supply	AC100-240V, 50/60Hz, supports dual power supplies (a redundant power supply is optional).	
Max. power consumption	500W	

Operating Environment	
Temperature	10°C~45°C (50°F~113°F)
Humidity	0% RH-85% RH, non-condensing
Storage Environment	
Temperature	-10°C~60°C (14°F~140°F)
Humidity	0% RH-95% RH, non-condensing
Placement Requirement	
This device can only be placed horizontally. Do not invert the device or place it vertically.	
Others	
Noise level	Max. 50dB (based on ambient noise of 25 dB)

08 REFERENCE DIMENSIONS

Unit: mm





09 STATEMENTS

9.1 Certifications

CCC, CE, UKCA, FCC, IC, CB, cTUVus, KC, EAC, BIS, RoHS

Note: If the product does not have the relevant certifications required by the countries or regions where it is to be sold, please contact Colorlight to confirm or address the problem as soon as possible. Otherwise, the customer shall be responsible for the legal risks or Colorlight has the right to claim compensation.

9.2 Legal Statement

Due to possible changes in product batches and production processes, the text and pictures in the document may be adjusted and revised to match accurate product information, specifications, and features. Colorlight may make improvements and changes to this document without prior notice. Please refer to the actual product.

Thank you for choosing Colorlight Cloud Tech Ltd. product. If you have any questions or suggestions during use, please contact us through official channels. We will do our utmost to provide support and listen to your valuable suggestions. For more information and updates, please visit www.colorlightinside.com or scan the QR code.

Colorlight

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