## Product solutions

A splice input multiple-output amplifying

### 4K multi-input multi-output point-to-point splicing

<table>
<thead>
<tr>
<th>Model</th>
<th>Output Slot No.1~No.5</th>
<th>Output Slot No.1~No.8</th>
<th>Nonsupport Output Slot No.1~No.18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q16pro-4</td>
<td>4</td>
<td>10</td>
<td>14</td>
</tr>
<tr>
<td>Q16pro-8</td>
<td>4</td>
<td>10</td>
<td>14</td>
</tr>
<tr>
<td>Q16pro-14</td>
<td>4</td>
<td>10</td>
<td>14</td>
</tr>
<tr>
<td>Q16pro-26</td>
<td>4</td>
<td>10</td>
<td>14</td>
</tr>
</tbody>
</table>

### Multi-picture + splicing display

<table>
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<tr>
<th>Model</th>
<th>Net Dimension</th>
<th>Net Weight</th>
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<tbody>
<tr>
<td>Q16pro-4</td>
<td>446×370×89mm</td>
<td>12kg</td>
</tr>
<tr>
<td>Q16pro-8</td>
<td>484×373×178mm</td>
<td>20kg</td>
</tr>
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### Independent display, while a plurality of tape carrier LED, LCD, projection screen

- 4K input
- 4K output
- 4K display

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**Connectors**

- Input Port: HDMI 2.0, HDBaseT, 3G SDI, H.264, and others
- Output Port: HDMI 2.0, HDBaseT, 3G SDI, H.264, and others

**HDMI 2.0 Module**

- 1xRJ45
- 1xHDMI-A

**HDBaseT Module**

- 2×DB9
- 1×RS232
- 4×DVI-I

**3G SDI Module**

- 4×BNC

**H.264 Module**

- 6×RJ45

**RGBLink**

- RGBLink.com

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**Order Codes**

- Q16pro-4: 711-0020-07-0-16
- Q16pro-8: 711-0020-07-0-16
- Q16pro-14: 711-0020-06-0-16
- Q16pro-26: 711-0020-05-0-16

**Dimensions**

- Length: 800mm
- Width: 600mm
- Height: 200mm

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**Environment**

- Temperature: -5°C to 55°C
- Humidity: 10% to 90%

**Power**

- 2U supports single power module, 4U and above support redundant power (N+1)

**Connectivity**

- 1×RJ45
- 1×HDMI-A

**Output**

- 4K Send card×6
- 2K Send card×6

**Specification**

- Model: Q16pro-4, Q16pro-8, Q16pro-14, Q16pro-26

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**Physical**

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- 4K Send card×6
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**Specification**

- Model: Q16pro-4, Q16pro-8, Q16pro-14, Q16pro-26
**Support static and dynamic subtitles.** The color and font of the subtitles can be modified and the picture information can be edited.

**4VQQPSUTUBUJDBOEEZOBNJDTVCUJUMFT5IFDPMPSBOEGPOUPGUIFTVCUJUMFTDBOCFNPEJGJFEBOE**

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 slot design is adopted, and the arbitrary wiring function of the input card is realized at the same time. Not only can it easily access the common HDMI/DVI/VGA/YPbPr/CVBS and other multiple signals, but it also supports DP1.2/HDMI2.0 and other ultra-high resolution 8K/4K signal input and output. Easily realize 4K/8K result image point to point splicing. Designed for LEDs, it can flexibly realize unconventional installation customization, especially optimized for non-standard signals, with strong customization capabilities, and realize flexible window roaming, picture zoom and other functions.

**4K UHD**

Supports input and output modules that support 4K signals such as HDMI2.0, DP 1.2, HDMI 1.4, DVI, etc., and EDID can be edited. In the 4K era, it is natural to have a larger display resolution and a more shocking display effect.

**XPOSE 2.0 control**

The main body of the RGBlink software ecosystem. Scene editing, modification, preset switching, system settings, interface configuration, user authority management and other functions. Communicate with equipment via TCP/IP and RS232.

**Output custom resolution**

Single-port output supports 3 million pixels customization, and the maximum width or height within the range of 3 million pixels can support 3840 pixels, making it easier for users to control the loading scheme.

**3D stitching**

Supports left and right eye 3D stitching mode, 120HZ input and output 3D stitching mode, internal lock frame synchronization, 3D segmentation and fusion are completely seamless. One-key switching of scenes between 2D mode and 3D mode is realized through software.

**Audio and video synchronization switching**

Supports embedded audio and external audio input, audio output and video output can be switched synchronously according to different scenes.

**Layer overlay, zoom, roam**

Layer is the soul of the video splicer. Q16pro uses the latest FPGA algorithm to cross output ports without occupying layers. A single port can support up to 8 screens at the same time. At the same time, each layer has arbitrary zoom and arbitrary roaming functions, giving customers full freedom. It also supports the partial cropping function, which makes it easy to capture the partial screen.

**OSD rolling subtitles**

Support static and dynamic OSD subtitles. You can modify the subtitle font, character size, color and subtitle background color.

**Streaming echo**

The PVW preview card has an RJ45 echo network port and an HDMI output monitoring. The XPOSE visualization software interface can realize input source preview and output echo. The HDMI output can be connected to the monitor and can preview up to 16 inputs to meet the real-time display needs of customers.

**2 ~ 26U models optional**

Q16pro has 2~26U chassis options, and adopts a hybrid output card slot design which greatly increases the user’s flexible and changeable choices, and can support up to 30/32/36/40 inputs and 30/32/36 outputs at the same time.

**4K ULHDI**

Supports input and output modules that support 4K signals such as HDMI2.0, DP1.2, HDMI1.4, DVI, etc., and EDID can be edited. In the 4K era, it is natural to have a larger display resolution and a more shocking display effect.

**O-360 degree arbitrary rotation stitching**

Support arbitrary angle (0-360) rotation and arbitrary rotation creative splicing Support embedding up to 4 design and output screens, support random splicing of UHD/1080p, support 360 degree arbitrary rotation splicing of UHD/1080p, support 360 degree arbitrary rotation splicing of UHD/1080p.

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Full range of interfaces and mixed card slot function

With the versatile standard interface form on the market, customers can easily combine input and output modules. The hybrid card slot supports input mixed insertion, which is simple and flexible, and adapts to various flexible site changes of customers.