

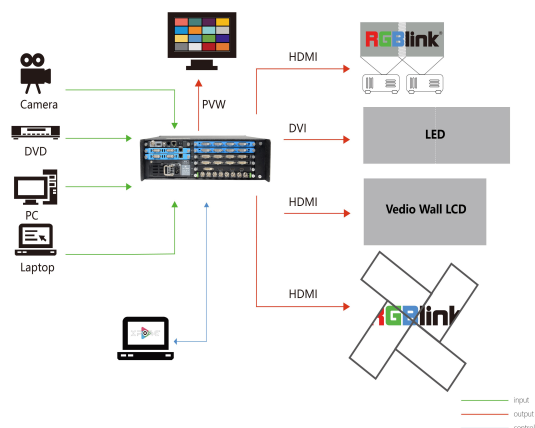
# X3p



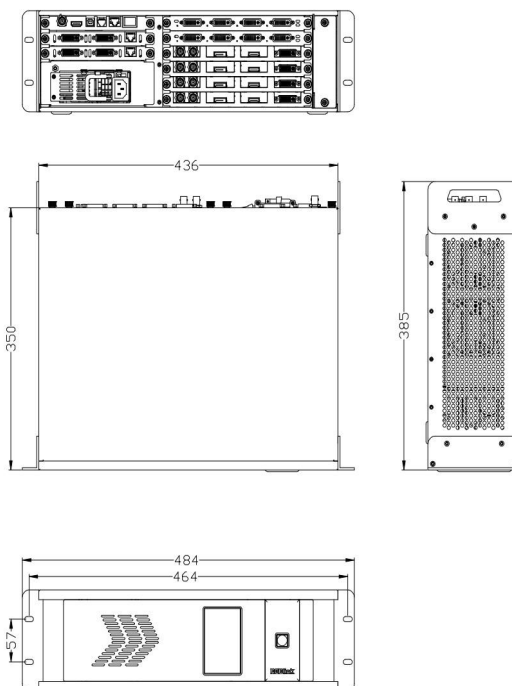
## Key Features

- Support for HDR
- Modular Design throughout for input and output
- Hot swap input and output modules
- 4K@60 inputs compatible including HDMI 2.0, DisplayPort1.2
- Up to 12G-SDI Input option
- Support for H.264 streaming input
- Standard with Dual Preview Streaming Module
- Preview 16 inputs
- 4K/2K EDID Management
- Multiple operation modes
- Support for 3D signal
- Control via XPOSE and T series consoles
- Redundant hot swap PSU option

## Application



## Dimensions



## Order Codes

| Product Code  | Item                           |
|---------------|--------------------------------|
| 310-1003-11-0 | X3p (Standard with PVW )       |
| 310-0003-11-0 | X3 Express (PVW not Supported) |
| 190-0003-01-0 | Quad DVI Input Module          |
| 190-0003-35-0 | Quad HDMI Input Module         |
| 190-0003-03-0 | Quad VGA Input Module          |
| 190-0003-14-0 | Quad 3G SDI Input/Loop Module  |
| 190-0003-06-0 | Quad CVBS Input /Backup Module |
| 190-0003-07-0 | Quad USB Input Module          |
| 190-0003-15-0 | 4K@60 Digital Input Module     |
| 190-0003-13-0 | Quad H.264 Input Module        |
| 190-0003-17-0 | 12G SDI Input Module           |
| 190-0003-18-0 | Quad HDBaseT Input Module      |

| Product Code  | Item                         |
|---------------|------------------------------|
| 190-0003-21-0 | Quad DVI Output Module       |
| 190-0003-22-0 | Quad 2K HDMI Output Module   |
| 190-0003-24-0 | Quad 3G SDI Output Module    |
| 190-0003-25-0 | Quad HDBaseT Output Module   |
| 190-0003-28-0 | ARO Rotation Module          |
| 190-0003-38-0 | Dual 4K HDMI Output Module   |
| 190-0003-41-0 | Quad Fiber Output Module     |
| 190-0007-21-0 | 4K HDMI Layers Output Module |
| 950-0005-00-0 | Power Supply 400W            |

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Specification

|             |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                             |                                                 |
|-------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------|
| Connectors  | Input               | 4 slots, up to 16 inputs<br><i>Select from</i> <div><div>4K@60 Module</div><div>12G SDI Module</div><div>3G SDI Module</div><div>2K HDMI Module</div><div>DVI Module</div><div>H.264 Module</div><div>HDBaseT Module</div><div>VGA Module</div><div>CVBS Module</div><div>USB Module</div></div> <div><div>1×DVI-I   2 × HDMI-A   1 × DisplayPort</div><div>4×BNC</div><div>8×BNC (4 In  4 Loop)</div><div>4×HDMI-A</div><div>4×DVI-I</div><div>4×RJ45</div><div>4×RJ45</div><div>4×DB15</div><div>8×BNC (4 In  4 backup)</div><div>4×USB-A</div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                             |                                                 |
|             | Output              | 2 slots, up to 8 outputs<br><i>Select from</i> <div><div>3G SDI Module</div><div>2K HDMI Module</div><div>DVI Module</div><div>HDBaseT Module</div><div>4K HDMI Module (without layer)</div><div>4K HDMI Module (with layers)</div><div>Rotation Module</div><div>Fiber Module</div></div> <div><div>4×BNC</div><div>4×HDMI-A</div><div>4×DVI-I</div><div>4×RJ45</div><div>2×HDMI-A</div><div>2×HDMI-A</div><div>4×DVI-I</div><div>4×LC</div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                             |                                                 |
|             | PVW                 | 2 slots ,<br><i>standard with</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2 × PVW Module                                                                              | 2×DVI-I   1×RJ45 (Each Module) X3p only         |
|             | Communication       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LAN<br>RS 232<br>USB<br>Genlock/Sync                                                        | 1×RJ45<br>1×RJ11<br>1×USB-B<br>1×BNC   1×HDMI-A |
|             | Power               | 2 slots                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Up to 2 power Inputs                                                                        | 1×IEC (each PSU)                                |
|             |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                             |                                                 |
| Performance | Input Resolutions   | SDI<br>SMPTE 720p@50/59.94/60   1080p@23.98/24/25/29.97/30/50/59.94/60   2160p@23.98/24/25/29.97/30/50/59.94/60<br>HDMI   DP<br>SMPTE 720p@23.98/24/25/29.97/30/50/59.94/60   1080p@50/59.94/60   2160p@30/60<br>VESA 800×600@60   1024×768@60   1280×768@60   1280×800@60   1280×1024@60   1360×768@60   1366×768@60   1400×900@60   1600×1050@60   1600×1200@60   1680×1050@60   1920×1080@60   1920×1200@60   2048×1080@60   2048×1152@60   2560×812@60   2560×960@60   2560×1600@60   3840×1080@60   3840×2160@30   3840×2160@60<br>DVI   HDBaseT<br>SMPTE 720p@23.98/24/25/29.97/30/50/59.94/60   1080p@239.98/24/25/29.97/30/50/59.94/60   1080psf@23.8/24/25/29.7/30<br>VESA 800×600@60   1024×768@60   1280×768@60   1280×960@60   1280×1024@60   1360×768@60   1440×900@60   1400×1050@60   1600×1200@60   1680×1050@60   1920×1080@60   2048×1080@60   2048×1152@60<br>CVBS<br>SMPTE 480i   576i<br>VGA<br>VESA 800×600@60   1024×768@60   1280×960@60   1280×1024@60   1360×768@60   1400×1050@60   1440×900@60   1600×1200@60   1680×1050@60   1920×1080@60<br>H.264<br>176×144   240×180   320×180   320×240   320×256   352×228   352×480   400×224   400×320   480×270   480×272   480×320   480×360   480×480   544×480   608×448   640 × 360   640×480   704×576   720×404   720×480   720×540   720×576   850×480   1024×576   1280×720   1680×1056   1920×1080 |                                                                                             |                                                 |
|             | Output Resolutions  | <i>Select from below or configure customized</i><br>SDI<br>SMPTE 720p@23.98/24/25/29.97/30/50/59.94/60   1080p@23.98/24/25/29.97/30/50/59.94/60   1080psf@23.8/24/25/29.7/30   2160@30/50<br>DVI   HDBaseT<br>SMPTE 720p@50/59.94/60  1080p@50/59.94/60<br>VESA 800×600@60   1024×768@60/75/85   1280×720@50/59.94/60   1280×800@60   1280×960@60   1280×1024@60/75/85   1400×1050@60   1600×1200@60   1920×1080@23.98/24/25/29.97/30/50/59.94/60   2048×1152@60<br>HDMI<br>SMPTE 720p@25/30/50/60   1080p@23.98/24/25/29.97/30/50/59.94/60   2160p@23.98/24/25/29.97/30/50/60<br>VESA 800×600@60   1024×768@60   1280×768@60   1280×800@60   1280×1024@60   1360×768@60   1366×768@60   1400×900@60   1600×1050@60   1600×1200@60   1680×1050@60   1920×1080@60   1920×1200@60   2048×1152@60   2560×812@60   2560×816@60   2560×1600@60   3840×1080@60   3840×2160@   4096×2160@60<br>Fiber<br>SMPTE 720p@50/59.94/60  1080P@23.98/24/25/29.97/30/50/59.94/60<br>VESA 1024×768@60   1280×768@60   1280×1024@60   1600×1200@60   1920×1080@60   2048×1152@60   2560×816@60                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                 |
|             | Supported Standards | SDI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SMPTE ST 2082-1, SMPTE ST 2081-1, SMPTE ST 424, SMPTE ST 292-1, SMPTE ST 259, DVB-ASI, MADI |                                                 |
|             |                     | HDMI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2.0                                                                                         | VGA UXGA                                        |
|             |                     | DP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1.2                                                                                         | USB 2.0                                         |
|             |                     | DVI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Dual Link                                                                                   | H.264 MPEG-4/AVC                                |
|             |                     | HDBaseT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.0                                                                                         |                                                 |
|             | Grey Level          | 12 bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                             |                                                 |
|             | Color Space         | 4:4:4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                             |                                                 |
|             |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                             |                                                 |
| Power       | Input Voltage       | AC 100V-240V, 50/60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                             |                                                 |
|             | Max Power           | 400W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                             |                                                 |
| Enviroment  | Temperature         | 0℃～55℃                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                             |                                                 |
|             | Hudmidity           | 10%~90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                             |                                                 |
| Physical    | Weight              | Net (Device)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 12.3kg                                                                                      |                                                 |
|             |                     | Packaged                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 20.4kg                                                                                      |                                                 |
|             | Dimension           | Net (Device)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 485mm×387mm×135mm                                                                           |                                                 |
|             |                     | Packaged                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 635mm×545mm×275mm                                                                           |                                                 |