

## 2/4/8-Port VGA Splitter with Audio

VS0102 / VS0104 / VS0108

- The ATEN VS0102 / VS0104 / VS0108 2/4/8-Port VGA Splitter with Audio are VGA splitters that allow a single VGA video and audio signal to be distributed to two, four, or eight output displays with independent stereo control. The splitters support up to 450 MHz video bandwidth, which provides optimum video quality, supported by resolutions up to 1920 x 1440.

Furthermore, for complete systems integration, serial control is standard through the VS0102 / VS0104 / VS0108's built-in RS-232 port, which allows the splitter to be controlled through a high-end controller or PC.

The VS0102 / VS0104 / VS0108 is perfect for conference rooms, training facility and multi-display broadcasting, with cascadable support up to three levels allowing a single video signal to be sent across up to 8/64/512 video displays while sustaining the highest quality possible.



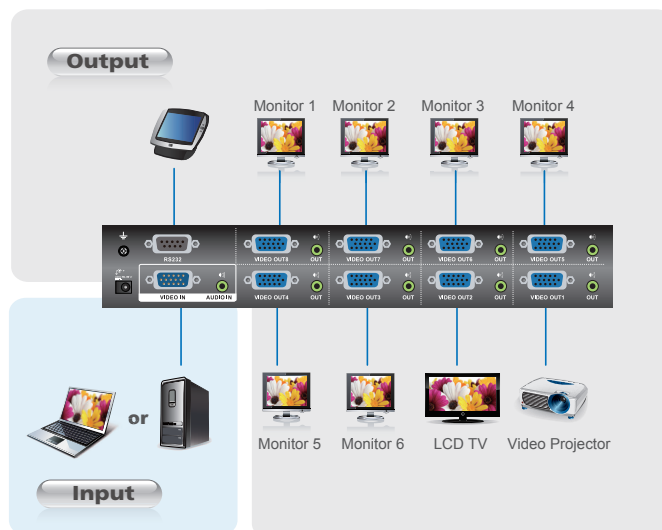
## Features

- One video input to 2/4/8 video outputs
- Superior video quality – up to 1920 x 1440 @ 60Hz
- Supports up to 450 MHz bandwidth for high performance video
- Long distance transmission – up to 30 m\*
- Supports VGA, SVGA, UXGA, WUXGA, and multisync
- EDID Expert™ – selects the optimum EDID settings for smooth power-up and highest quality display
- Expandable – provides up to 8/64/512 video displays
- Features RS-232 serial port for command controls\*\*
- RS-232 chain control – use RS-232 commands to control cascaded devices via VGA cable
- Supports stereo audio
- Plug-and-play – no software installation required

Note:

\* Video content sent over very long distance using a VGA cable might result in slight degradation of the video signal and quality.

\*\* The VS0102 / VS0104 / VS0108 AP and GUI operation instructions can be downloaded from the ATEN website ([www.aten.com](http://www.aten.com)).



## Specifications

| Function               | VS0102                              | VS0104                              | VS0108                              |
|------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Video Input            |                                     |                                     |                                     |
| Interfaces             | 1 x HDB-15 Male (Blue)              | 1 x HDB-15 Male (Blue)              | 1 x HDB-15 Male (Blue)              |
| Impedance              | 75 Ω                                | 75 Ω                                | 75 Ω                                |
| Max. Distance          | 1.8 m                               | 1.8 m                               | 1.8 m                               |
| Video Output           |                                     |                                     |                                     |
| Interfaces             | 2 x HDB-15 Female (Blue)            | 4 x HDB-15 Female (Blue)            | 8 x HDB-15 Female (Blue)            |
| Impedance              | 75 Ω                                | 75 Ω                                | 75 Ω                                |
| Video                  |                                     |                                     |                                     |
| Max. Bandwidth         | 450 MHz                             | 450 MHz                             | 450 MHz                             |
| Max. Resolution        | Up to 1920 x 1440                   | Up to 1920 x 1440                   | Up to 1920 x 1440                   |
| Max. Distance          | Up to 30 m                          | Up to 30 m                          | Up to 30 m                          |
| Audio                  |                                     |                                     |                                     |
| Input                  | 1 x 3.5mm Audio Jack Female (Green) | 1 x 3.5mm Audio Jack Female (Green) | 1 x 3.5mm Audio Jack Female (Green) |
| Output                 | 2 x 3.5mm Audio Jack Female (Green) | 4 x 3.5mm Audio Jack Female (Green) | 8 x 3.5mm Audio Jack Female (Green) |
| Control                |                                     |                                     |                                     |
| RS-232                 | 1 x DB-9 Female (Black)             | 1 x DB-9 Female (Black)             | 1 x DB-9 Female (Black)             |
| EDID Settings          | EDID Mode: Port 1 / Auto / Default  | EDID Mode: Port 1 / Auto / Default  | EDID Mode: Port 1 / Auto / Default  |
| Connectors             |                                     |                                     |                                     |
| Power                  | 1 x DC Jack                         |                                     |                                     |
| Power Consumption      | DC5.3V: 0.74W: 3BTU                 | DC5.3V: 1.13W: 5BTU                 | DC5.3V: 2.18W: 10BTU                |
| Environmental          |                                     |                                     |                                     |
| Operating Temperature  | 0 — 50°C                            |                                     |                                     |
| Storage Temperature    | -20 — 60°C                          |                                     |                                     |
| Humidity               | 0 — 80% RH, Non-condensing          |                                     |                                     |
| Physical Properties    |                                     |                                     |                                     |
| Housing                | Metal                               | Metal                               | Metal                               |
| Weight                 | 0.46 kg                             | 0.68 kg                             | 0.87 kg                             |
| Dimensions (L x W x H) | 13.00 x 7.61 x 4.40 cm              | 20.00 x 7.61 x 4.40 cm              | 26.00 x 7.61 x 4.40 cm              |

Product information is subject to change without prior notice.

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