

# 4-Port VGA/SVGA Video Splitter with Signal Booster, High Resolution Video, 350MHz, (HD15 M/4xF)

MODEL NUMBER: **B114-004-R**



## Description

This 4-Port VGA/SVGA Video Splitter provides bandwidth support at 350 MHz, allowing simultaneous display of video on up to four monitors. In addition, a built-in booster allows a video signal (up to 2048 x 1536 at 60 Hz) to be transmitted up to 210 feet (64 meters) from the source. Four standard HD15 female ports are used to connect the monitors, while a fifth HD15 male port is used to connect the CPU. The splitter can be located up to 25 feet (7.6 meters) from the connected computer and up to 185 feet (56.4 meters) from the connected monitors. The number of connected monitors can be expanded by cascading up to three levels of B114-004-R splitters together.

## Features

- Simultaneously display video on up to 4 VGA/SVGA monitors
- Ideal for video presentations or sharing information with multiple users
- A built-in booster allows a video signal (up to 2048 x 1536 @ 60Hz) to be transmitted up to 210-ft. (64 m) from the source
- The splitter can be located up to 25-ft. (7.62 m) from the connected computer, and up to 185-ft. (56.38 m) from the connected monitors
- 350Mhz Bandwidth Support
- Cascade up to 3 levels of B114-004-R splitters together to increase the number of connected monitors
- Rugged, fully shielded metal housing

## Specifications

| OVERVIEW       |              |
|----------------|--------------|
| UPC Code       | 037332014276 |
| Product Type   | Splitter     |
| Technology     | VGA/SVGA     |
| Host Connector | HD15 (MALE)  |

## Highlights

- Simultaneously displays video on up to 4 VGA/SVGA monitors
- A built-in booster allows a video signal (up to 2048 x 1536 @ 60Hz) to be transmitted up to 210-ft. (64 m) from the source
- The splitter can be located up to 25-ft. (7.62 m) from the connected computer, and up to 185-ft. (56.38 m) from the connected monitors
- 350Mhz bandwidth support

## System Requirements

- Computer with an HD15 port
- VGA/SVGA monitor
- B114-004-R can only be cascaded with other B114-004-R splitters

## Package Includes

- B114-004-R VGA/SVGA Video Splitter - 4 Port
- External Power Supply with NEMA 1-15P Plug (Input: 100-240V, 50/60Hz, 0.3A; Output: 9V, 1A)
- Owner's manual

| VIDEO                                     |   |
|---|---|
| Max Supported Video Resolution            | 2048 x 1536 @ 60Hz                                    |
| Max. Distance (Between any 2 Units)       | 246 ft. (75m)   |
| Max Number of Ports (Entire Chain)        | 64  |
| INPUT                                     |   |
| AC Power Adapter Plug(s)                  | NEMA 1-15P North America                              |
| AC Power Adapter Input Specs (V / Hz / A) | 100-240V / 50/60Hz / 0.4A                             |
| AC Power Adapter Output Specs (V / A)     | 9V / 1A   |
| AC Power Adapter Cord Length (ft.)        | 5   |
| AC Power Adapter Cord Length (m)          | 1.5   |
| Voltage Compatibility (VAC)               | 100; 110; 120; 125; 127; 200; 208; 220; 230; 240      |
| Product Length (in.)                      | 5.2   |
| Product Length (ft.)                      | 0.43  |
| POWER                                     |   |
| Power Source Type                         | AC Adapter  |
| AC Adapter                                | Input: 100-240V, 50/60Hz, 0.3A; Output: 9V, 1A, 5 ft. |
| DC Barrel Plug                            | OD: 5.5 x 2.1 x 12mm, Positive Pin, Negative Sleeve   |
| Power Consumption (Watts)                 | 1.8   |
| CONNECTIONS                               |   |
| Number of Ports                           | 4   |
| Side A - Connector 1                      | HD15 (MALE)   |
| Side B - Connector 1                      | (4) HD15 (FEMALE)                                     |
| Connector Plating                         | Nickel  |
| Input x Output                            | 1 x 4   |
| Daisy-chainable / Cascadable              | Yes   |
| Daisy-chainable / Cascadable Details      | Up to 3 Levels  |
| USER INTERFACE, ALERTS & CONTROLS         |   |
| LED Indicators                            | Green (Power)   |
| PHYSICAL                                  |   |
| Color                                     | Black   |
| Material of Construction                  | Steel   |



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|                                      |                                     |
|--------------------------------------|-------------------------------------|
| Cable Length (ft.)                   | 0                                   |
| Cable Length (m)                     | 0.00                                |
| Shipping Dimensions (hwd / in.)      | 2.40 x 5.70 x 9.90                  |
| Shipping Dimensions (hwd / cm)       | 6.10 x 14.48 x 25.15                |
| Shipping Weight (lbs.)               | 1.60                                |
| Shipping Weight (kg)                 | 0.73                                |
| Unit Dimensions (hwd / in.)          | 1.700 x 5.200 x 3.700               |
| Unit Packaging Type                  | Box                                 |
| Unit Weight (lbs.)                   | 1.00                                |
| Unit Weight (kg)                     | 0.45                                |
| <b>ENVIRONMENTAL</b>                 |                                     |
| Operating Temperature Range          | 32° to 122°F (0° to 50°C)           |
| Storage Temperature Range            | -4° to 140°F (-20° to 60°C)         |
| Relative Humidity                    | 0% to 80% RH, Non-Condensing        |
| BTUs                                 | 6.1 BTU/Hr                          |
| <b>COMMUNICATIONS</b>                |                                     |
| Signal Range (ft.)                   | 210                                 |
| Signal Range (m)                     | 64                                  |
| EDID Compatible                      | Yes                                 |
| <b>PORT EXPANSION</b>                |                                     |
| Daisy-chainable or Cascadable        | Cascadable                          |
| <b>FEATURES &amp; SPECIFICATIONS</b> |                                     |
| MST Support                          | No                                  |
| Driver Required                      | No                                  |
| <b>STANDARDS &amp; COMPLIANCE</b>    |                                     |
| External Power Supply Certifications | FCC; UL; cUL; RoHS                  |
| Product Compliance                   | RoHS; CE (Europe); REACH; FCC (USA) |
| <b>WARRANTY &amp; SUPPORT</b>        |                                     |
| Product Warranty Period (Worldwide)  | 3-year limited warranty             |



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