



The compact HDMI to HDMI Scaler box is designed to scale HDMI sources, either HD or PC resolution, to an alternative HDMI resolution (HD or PC). Both of maximum support input and output resolution is up to 1920 x 1200. The HDMI, HDCP and DVI are compliant which is perfect solution for the integration of sources where resolution and/or resolution type requires conversion. The video contrast, brightness, hue and saturation are able to be adjusted manually.

### PANELS

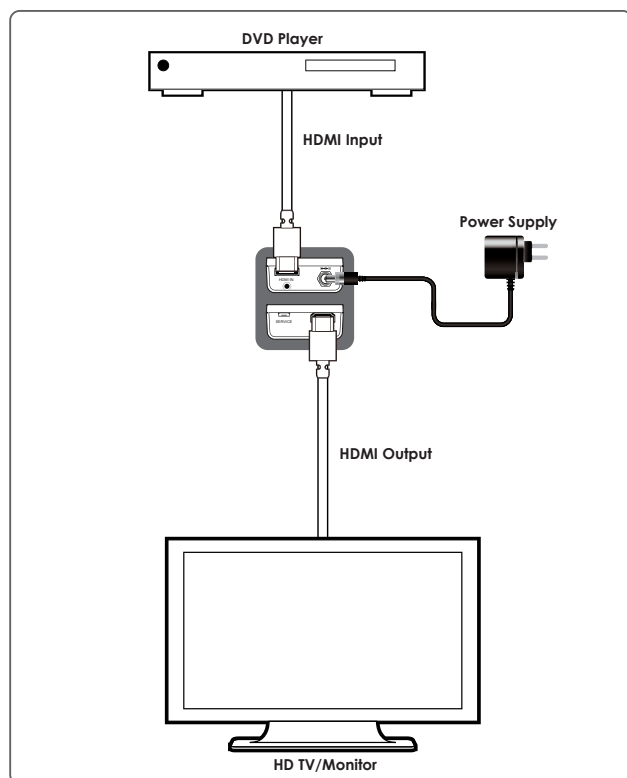


Front View



Rear View

### DIAGRAM



### FEATURES

- Manual adjustments for contrast, brightness, hue and saturation are achievable
- Free run output mode that provides stable timing once no video input is present
- Maximum pixel rate 165Mhz on output and 225Mhz on input. Support resolution up to 1920x1200@60RB and 1080P@60
- Support LPCM, Bitstream and HD Bitstream audio
- Support audio mute and maximum audio sampling rate of 192kHz
- Supports color space, frame rate and deep color conversion
- Supports CEC bypass
- Supports Native EDID copies from sink device such as TV
- Easily firmware update via USB in field

### SPECIFICATIONS

#### Interfaces

|                   |                                     |
|-------------------|-------------------------------------|
| <b>Input Port</b> | 1 HDMI<br>1 Mini USB (Service only) |
|-------------------|-------------------------------------|

|                    |        |
|--------------------|--------|
| <b>Output Port</b> | 1 HDMI |
|--------------------|--------|

#### Video

|                        |                    |
|------------------------|--------------------|
| <b>HDMI Compliance</b> | HDMI 1.3 (DVI 1.0) |
|------------------------|--------------------|

|                        |     |
|------------------------|-----|
| <b>HDCP Compliance</b> | 1.4 |
|------------------------|-----|

|                          |              |
|--------------------------|--------------|
| <b>Input Signal Type</b> | 1080p@ 12bit |
|--------------------------|--------------|

|                           |             |
|---------------------------|-------------|
| <b>Output Signal Type</b> | 1080p@ 8bit |
|---------------------------|-------------|

|  | Resolutions |  |
|--|-------------|--|
|--|-------------|--|

|                      |      |       |
|----------------------|------|-------|
| <b>Maximum Input</b> | HDMI | 1080p |
|----------------------|------|-------|

|                       |      |       |
|-----------------------|------|-------|
| <b>Maximum Output</b> | HDMI | 1080p |
|-----------------------|------|-------|

#### Power

|                     |           |
|---------------------|-----------|
| <b>Power Supply</b> | 5V / 2.6A |
|---------------------|-----------|

|                          |        |
|--------------------------|--------|
| <b>Power Consumption</b> | 2.42 W |
|--------------------------|--------|

#### Enclosure

|                         |         |
|-------------------------|---------|
| <b>Chassis Material</b> | Plastic |
|-------------------------|---------|

|                      |       |
|----------------------|-------|
| <b>Chassis Color</b> | Black |
|----------------------|-------|

|                           |                                                                                |
|---------------------------|--------------------------------------------------------------------------------|
| <b>Dimensions (W×H×D)</b> | 51 mm x 22.5 mm x 98 mm [Case Only]<br>50 mm x 22.5 mm x 85 mm [All Inclusive] |
|---------------------------|--------------------------------------------------------------------------------|

|               |     |
|---------------|-----|
| <b>Weight</b> | 75g |
|---------------|-----|

#### Field Firmware Update

#### USB

### ORDERING INFORMATION

| Model No.       | Product Description             |
|-----------------|---------------------------------|
| <b>CP-302MN</b> | Compact HDMI to HDMI Scaler Box |