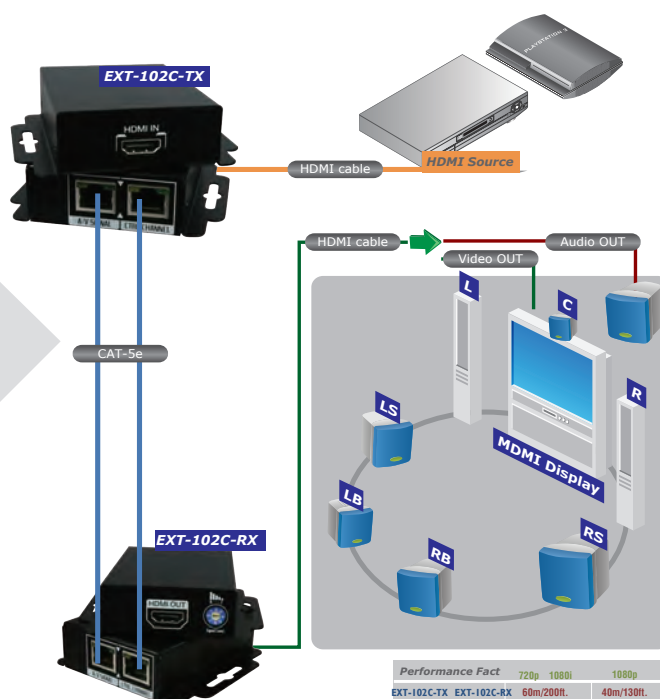


## HDMI 1.3 over CAT5 Extender



### SPECIFICATIONS

| Model Name                          | EXT-102C   |                                    |
|-------------------------------------|--|------------------------------------|
| Technical                           | EXT-102C[Tx]   | EXT-102C[Rx]                       |
| Role of usage                       | Transmitter [TX]   | Receiver [RX]                      |
| HDMI compliance                     | HDMI 1.3c  |                                    |
| HDCP compliance                     | Yes  |                                    |
| Video bandwidth                     | Single-link 225MHz [6.75Gbps]  |                                    |
| Video support                       | 480i / 480p / 720p / 1080i / 1080p60 up to 36-bit color  |                                    |
| HDMI over UTP transmission [24-bit] | Full HD (1080p)-40m (130ft) [CAT5e] / 50m (165ft) [CAT6]<br>HD (720p/1080i)-50m (165ft) [CAT5e] / 60m (200ft) [CAT6] |                                    |
| Audio support                       | Surround sound (up to 7.1ch) or stereo digital audio   |                                    |
| Equalization                        | 8-level digital rotary switch for signal level control at RX   |                                    |
| Input TMDS signal                   | 1.2 Volts [peak-to-peak]   |                                    |
| Input DDC signal                    | 5 Volts [peak-to-peak, TTL]  |                                    |
| ESD protection                      | [1] Human body model — ±19kV [air-gap discharge] & ±12kV [contact discharge]<br>[2] Core chipset — ±8kV              |                                    |
| PCB stack-up                        | 4-layer board [impedance control — differential 100Ω; single 50Ω]  |                                    |
| Input                               | 1x HDMI  | 2x RJ-45                           |
| Output                              | 2x RJ-45   | 1x HDMI                            |
| HDMI source control                 | No   |                                    |
| IR remote control                   | N/A  |                                    |
| HDMI connector                      | Type A [19-pin female]   |                                    |
| RJ-45 connector                     | WE/SS 8P8C with 2 LED indicators   |                                    |
| 3.5mm connector                     | None   | None                               |
| Rotary control switch               | None   | 8-level signal equalization        |
| Mechanical                          |  |                                    |
| Housing                             | Metal enclosure  |                                    |
| Dimensions [L x W x H]              | Model  | [TX/RX] 85x60x25mm [3.3"x2.4"x1"]  |
|                                     | Package  | 270 x 175 x 80mm [10.6"x6.9"x3.1"] |
|                                     | Carton   | 450 x 370 x 300mm (1'6"x1'3"x1')   |
| Weight                              | Model  | 315g [11oz]                        |
|                                     | Package  | 685g [1.5 lbs]                     |
| Fixedness                           | Wall-mounting case with screws   |                                    |
| Power supply                        | 5V 4A DC   |                                    |
| Power consumption                   | 1 Watt [max]   |                                    |
| Operation temperature               | 0~40°C [32~104°F]  |                                    |
| Storage temperature                 | -20~60°C [-4~140°F]  |                                    |
| Relative humidity                   | 20~90% RH [no condensation]  |                                    |

### FEATURES

- HDMI 1.3c compliant
- Extends the transmission distance up to 60m (200ft) from the sources under 1080i or 720p
- Extends the transmission distance up to 40m (130ft) from the sources under 1080p
- Provides independent DDC channel, fully HDCP compliant
- Minimizes the cable skew by adjustable 8-level equalization rotary control switch
- Pure unaltered uncompressed 7.1ch digital HDMI over UTP cable transmission
- Wall mounting housing design for easy and robust installation
- Perfectly integrated with other HDMI over CAT5 series products

### PACKAGE CONTENTS

