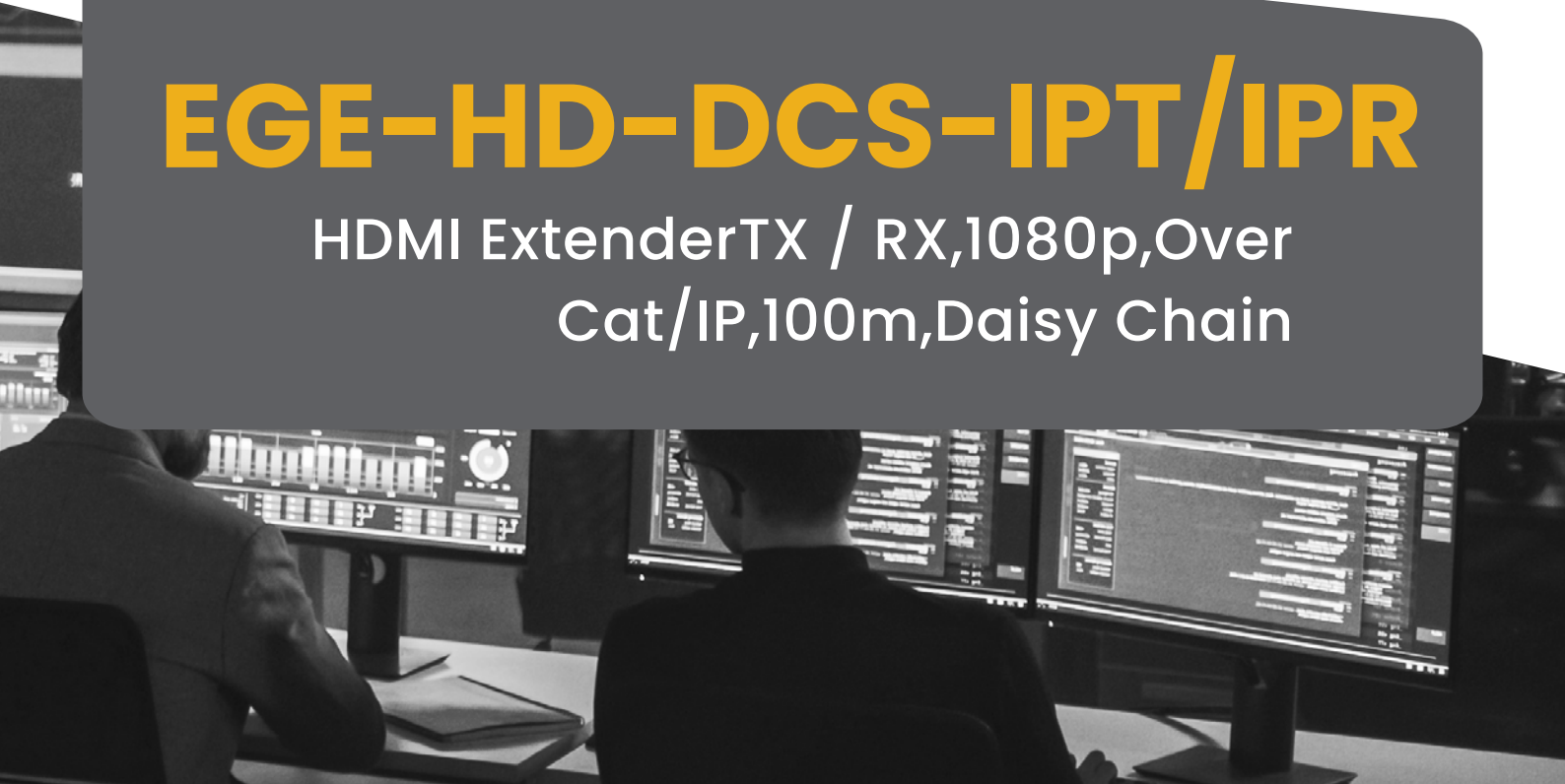


geratech®



EGE-HD-DCS-IPT/IPR

HDMI ExtenderTX / RX,1080p,Over
Cat/IP,100m,Daisy Chain





The HDMI over single CAT5e/6/7 can extend your HDMI signal via an IP network for distances up to 330ft/100m through a single network switch. Instead of using expensive HDMI cables, your existing CAT5e/6/7 cables/sockets can be utilized to perform advanced functions like transferring Deep Color (12 bits/color) video and digital audio, with a bandwidth up to 225MHz. The HDMI extender also supports unidirectional IR transmission to allow you to easy control the remote source.

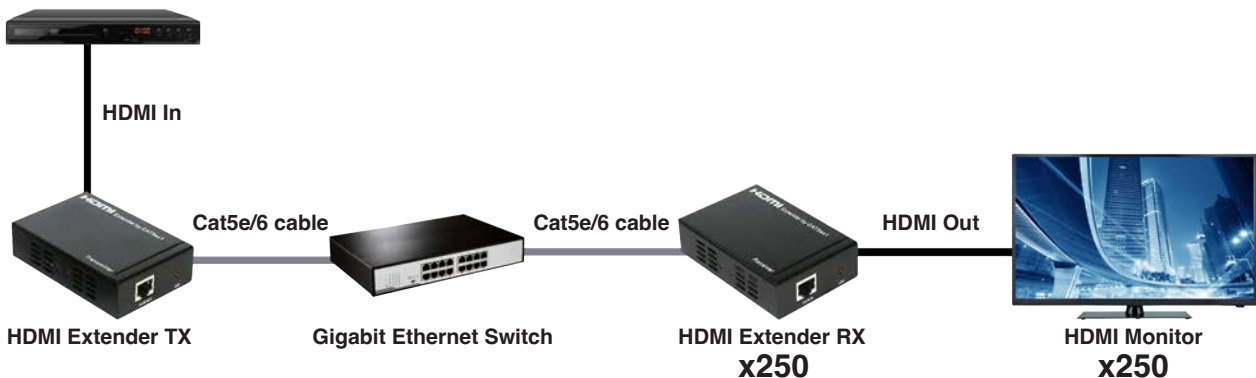
1. FEATURES

- Supports video transmission over IP up to 330ft/100m
- Supports IP switch/hub/router
- Supports High Definition resolutions up to 1080P@60Hz
- Supports up to 7.1 channels LPCM, Dolby Digital, and DTS 5.1 Audio)
- Supports unidirectional wideband IR control from display to source
- DC 5V power supply
- Compact design for an easy and flexible installation



2. DIAGRAM

HDMI media player



3. SPECIFICATION

| Technical | |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------|
| HDMI Compliance | HDMI 1.3b |
| HDCP Compliance | HDCP 1.4 |
| Video Bandwidth | 6.75 Gbps |
| Video Resolutions | up to 1080P@60Hz |
| Color Space | RGB, YCbCr 4:4:4, YCbCr 4:2:2 |
| Color Depth | 10-bit, 12-bit |
| Audio Formats | PCM 2CH, LPCM 5.1, LPCM 7.1, Dolby Digital, DTS 5.1, Dolby Digital+ |
| ESD Protection | Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge) |
| Connections | |
| Inputs | TX: 1x HDMI Type A [19-pin female] RX: 1x RJ45 [HDMI & Propriety Data] 1x 3.5mm Stereo Mini-jack [Infrared Receiver] |
| Outputs | TX: 1x RJ45 [HDMI & Propriety Data] 1x 3.5mm Stereo Mini-jack [Infrared Emitter] RX: 1x HDMI Type A [19-pin female] |
| Mechanical | |
| Housing | Metal Enclosure |
| Dimensions | TX/RX: 65mm [W] x 100mm [D] x 25mm [H] |
| Net Weight | TX/RX: 300g |
| Power Supply | Input: AC100 - 240V 50/60Hz Output:DC 5V/1A (US/EU standards, CE/FCC/UL certified) |
| Power Consumption (Max) | TX: 2W RX: 2.5W |
| Operation Temperature | 32 - 104°F / 0 - 40°C |
| Storage temperature | -4 - 140°F / -20 - 60°C |
| Relative Humidity | 20 - 90% RH (no condensation) |



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