

HDMI Extender Comparison over CAT5/6 Cable

| | AT-HD-SR | AT-HD30SR | AT-HD50SS | AT-HD50RSL | AT-HDRS | AT-HD4-SI40SR | AT-HD4-V40SR | AT-HD-BIR40SR | AT-HD-S100SR | AT-HD4-V110SR | AT-HD4-100SR | AT-HDS250SR |
|--|-------------|-------------|--------------------------------|--------------------------------|-------------|---------------|--------------------|--------------------|---|--|---------------------------------|---|
| AV = Audio + Video RJ45E = RJ45 Ethernet SA = Stereo Audio | | | | | | | | | | | | |
| Transmitter inputs | 1 X HDMI | 1 X HDMI | 1 X HDMI | - | - | 1 X HDMI | 1 X HDMI 1 X IR | 1 X HDMI 1 X IR | 1 X HDMI 1 X RS232 1 X SA | 1 X HDMI 1 x RJ45E 1 X RS232 1 X IR | 1 X HDMI 1 x RS232 1 X IR | 1 X HDMI 1 X RS232 1 X SA |
| Transmitter outputs | 2 x RJ45 | 2 x RJ45 | 1 X RJ45 1 X HDMI 1 X SA | - | - | 1 X RJ45 | 1 X RJ45 | 2 X RJ45 | 2 X RJ45 <small>1 x RJ45 = HDMI AV 1 x RJ45 = SA + RS232</small> | 1 x RJ45 1 X RJ45E | 1 X RJ45 1 X HDMI | 2 X RJ45 <small>1 x RJ45 = HDMI AV 1 x RJ45 = SA + RS232</small> |
| Receiver inputs | 2 x RJ45 | 2 x RJ45 | - | 1 X RJ45 | 1 X RJ45 | 1 X RJ45 | 1 X RJ45 | 2 X RJ45 | 2 X RJ45 <small>1 x RJ45 = HDMI AV 1 x RJ45 = SA + RS232</small> | 1 x RJ45 1 X RJ45E | 1 X RJ45 | 2 X RJ45 <small>1 x RJ45 = HDMI AV 1 x RJ45 = SA + RS232</small> |
| Receiver outputs | 1 X HDMI | 1 X HDMI | - | 1 X RJ45 1 X HDMI 1 X SA | 1 X HDMI | 1 X HDMI | 1 X HDMI 1 X IR | 1 X HDMI 1 X IR | 1 X HDMI 1 X RS232 1 X SA | 1 X HDMI 1 X RJ45E 1 X RS232 1 X IR | 1 X HDMI 1 x RS232 1 X IR | 1 X HDMI 1 X RS232 1 X SA |
| 4K X 2K support | no | no | no | no | no | no | no | no | no | yes | yes | no |
| Ethernet support | no | no | no | no | no | no | no | no | no | yes | yes | no |
| 1080P distance for CAT5e | 21m | 30m | 36m | 36m | 36m | 36m | 36m | 36m | 94m | 100m | 100m | 251m |
| 1080P distance for CAT6 | 30m | 30m | 39m | 39m | 39m | 39m | 39m | 39m | 106m | 109m | 109m | 274m |
| HDCP compliant | yes | yes | yes | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| EDID compliant | yes | yes | yes | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| HDMI standard | 1.3c | 1.3c | 1.3c | 1.3c | 1.3c | 1.4 | 1.4 | 1.3c | 1.3c | 1.4 | 1.4 | 1.3c |
| 3D capable | yes | yes | yes | yes | yes | yes | yes | yes | no | yes | yes | no |
| Bi-Directional IR | no | no | no | no | no | no | yes | yes | no | yes | yes | no |
| RS232 Pass-through | no | no | no | no | no | no | no | no | yes | yes | yes | yes |
| Supported Resolutions | up to 1080p | up to 1080p | up to 1080p | up to 1080p | up to 1080p | up to 1080p | up to 1080p | up to 1080p | up to 1080p | 4K X 2K | 4K X 2K | up to 1080p |
| Number of CAT5/6 runs | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 2 |
| Voltage | passive | passive | 1 X 5v | 1 X 5v | 1 X 5v | 2 X 5v | 2 X 5v | 1 X 5v | 2 X 5v | 2 X 5v | 2 X 5v | 2 X 5v |
| Video bandwidth | 6.75Gbps | 6.75Gbps | 6.75Gbps | 6.75Gbps | 6.75Gbps | 6.75Gbps | 6.75Gbps | 6.75Gbps | 6.75Gbps | 10 Gbps | 10 Gbps | 6.75Gbps |
| Transmitter/receiver kit | yes | yes | no | no | no | yes | yes | yes | yes | yes | yes | yes |
| Color depth | 36 bit | 36 bit | 36 bit | 36 bit | 36 bit | 36 bit | 36 bit | 36 bit | 36 bit | 48 bit | 48 bit | 36 bit |
| Market | Consumer | Consumer | Integrator | Integrator | Integrator | Integrator | Integrator | Integrator | Integrator | Integrator | Integrator | Integrator |
| Cascading allowed | no | no | yes | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| MSRP (AED) | 350.00 | 440.00 | 1,095.00 | 1,095.00 | 655.00 | 1,000.00 | 1,445.00 | 1,750.00 | 2,185.00 | 2,185.00 | 2,840.00 | 2,840.00 |