

DIREKTRONIK

BG-EXHKVM-70C

4K 18Gbps HDR HDMI/KVM Extender with Zero Latency up to 230ft

With IPCOLOR technology, this extender is capable of transmitting HDMI and USB signals with zero latency (gamers love it!) across distances of up to 70 meters (230 ft) over a single Cat6/6a/7 cable.

Not only can you use USB connectors on the receiver for your mouse and keyboard, but also for any USB 2.0 devices, like storage drives or web camera. S/PDIF connector on the receiver will de-embed audio signal from HDMI, so you can connect your local audio system.

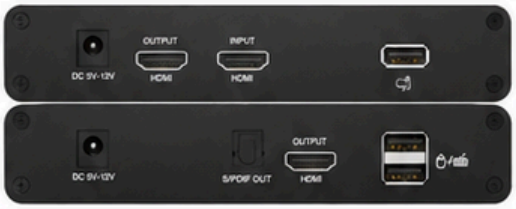
BG-EXHKVM-70C supports resolutions up to 4K 60fps HDR10 as well as many audio formats like LPCM/DTS-HD/DTS-Audio/Dolby Digital 5.1CH.

FEATURES

- Supports uncompressed 4K@60Hz 4:4:4 with HDR10 and zero latency
- Digital audio can be extracted via the optical audio port
- Remotely control a PC from the display side with a keyboard and mouse
- Easy setup, no drivers to install
- HDMI Loop-out: Connect an additional display to the transmitter
- Integrated surge protection increases reliability
- Supports HDMI 2.0a, compatible with HDCP 2.2 and HDCP 1.4
- Supports auto down-scaling to match display resolution







Specifications

Technical

HDMI compliance: HDMI2.0, compatible HDMI1.4
HDCP compliance: HDCP2.2, compatible HDCP1.4
Transmission medium: CAT6/CAT6A/CAT7
Transmission distance: ≤70 meters
Video bandwidth: 18Gbps
Video support: 1280x960, 1280x800, 1280x768, 1680x1050, 1360x768, 1366x768, 1600x900, 1024x768, 800x600, 480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz, 3840x2160@24/25/30/50/60Hz, 4096x2160@24/25Hz
Audio formats: LPCM/DTS-HD/DTS-Audio/Dolby Digital 5.1CH
HDR10(YUV4:4:4): support
HDMI Loop-out: support
S/PDIF out: support
EDID through: support
KVM function: support
Input TMDS signal: 0.7~1.2Vp-p
Input DDC signal: 5Vp-p
Input: TX: HDMI IN x1, DC2.1 x1, USB-A x1; RX: DC2.1 x1, RJ45 x1, USB-A x2
Output: TX: HDMI OUT x1, RJ45 x1; RX: HDMI OUT x1, S/PDIF OUT x1
HDMI connector: Type A 19 Pins,Female
Network cable standard: CAT6/CAT6A/CAT7, follow IEEE-5688 standard

Mechanical

Material: Aluminium alloy material+crystal panel
Dimensions (LxWxHmm): 150.0(L) x 107.0(W) x 28.4(H)mm
Net weight: 0.57lbs [260g]
Power supply: 5V/2A
Power consumption: 4W
Operation temperature: -4 ~ 140deg;F / -20 ~ 60°C
Storage temperature: -22 ~ 158deg;F /-30 ~ 70°C
Relative humidity: 0□90%(no condensation)

Industry-Leading Warranty & Support

Direktronik provides product support and service. For current warranty and support terms, please contact Direktronik or visit direktronik.se.



DIREKTRONIK
Direktronik AB
Box 234, 149 23 Nynäshamn
+46 8 52 400 700
info@direktronik.se