4K 60Hz **HDMI over IP Matrix** Kit

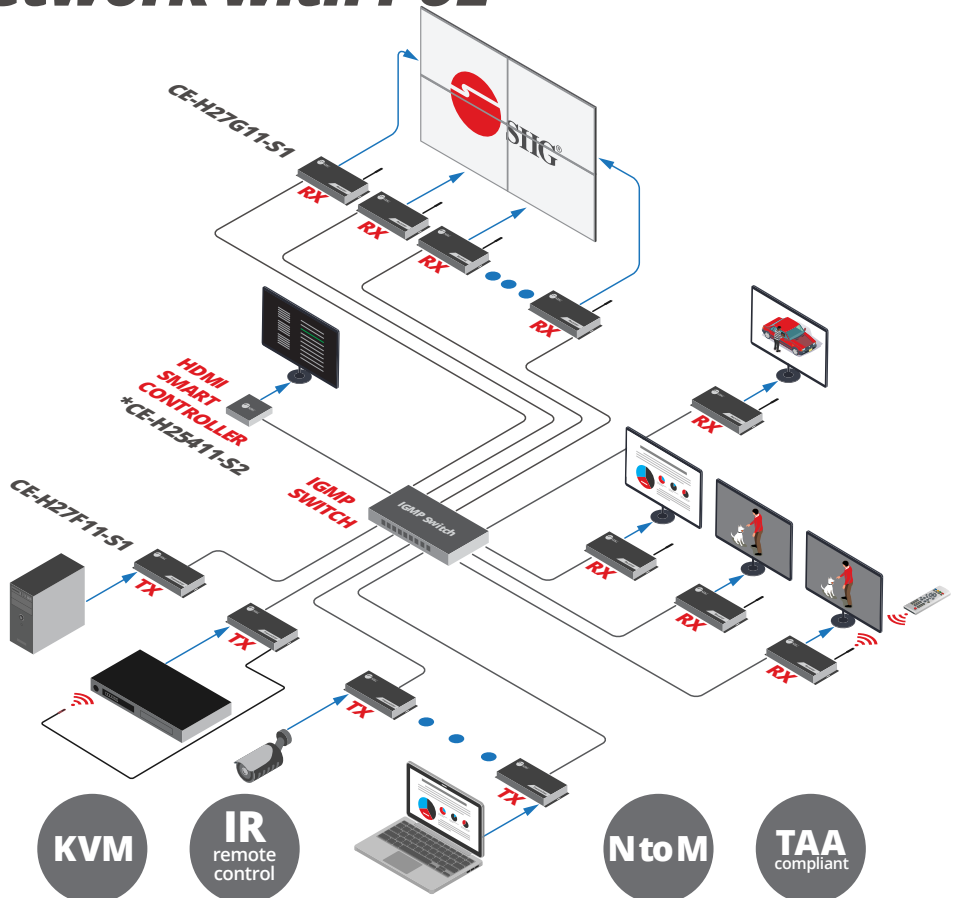**Part# CE-H28A11-S1** *(1 x CE-H27F11-S1 + 1 x CE-H27G11-S1)*

HDMI Extension, Matrix, Video Wall and KVM over IP network with PoE

- **Direct 1-to-1 connection**
- **Any-to-Any connection**
- **Multi-casting connection**
  (through Gigabit Ethernet LANs/Switches)

Common Applications:
- *Airport • Surveillance control center*
- *Exhibition • Network operation center*
- *Lecture hall • Security center*
- *Control center • Shopping center*
- *Retail store • Restaurant • Digital signage*

- **3 x USB-A 2.0 ports** *(up to 480Mbps)*
  one for WebCam only, others for
  USB peripheral devices

- **2 x USB-A 1.1 HID ports** *(up to 12Mbps)*
  for independent keyboard and mouse

| HDMI | 4K 60Hz | PoE | Video Wall | KVM | IR remote control | N to M | TAA compliant |

- Works as a scalable TX/RX matrix over the dedicated IP network and extends/splits HDMI signals to multiple displays
  Allows up to 65,536 total units, limited to 1,023 transmitter units

- Video resolution up to 4K (4096x2160) @60Hz HDCP 2.2, 4:4:4, HDR 10, Deep Color and 3D

- Image rotation supports clockwise 90°, 180°, and 270° in video wall only
  *Note: Video wall, ARC, KVM and audio embedded functions must use with SIIG HDMI Smart Controller (*Part# CE-H25411-S2)*

- True 18Gbps video bandwidth and supports 7.1-ch surround sound

- Bi-directional IR pass back function and RS-232 control

- Supports audio extraction via digital S/PDIF (Toslink) or 3.5mm stereo audio output port

- ESD protection, lightning protection, surge protection and TAA compliant