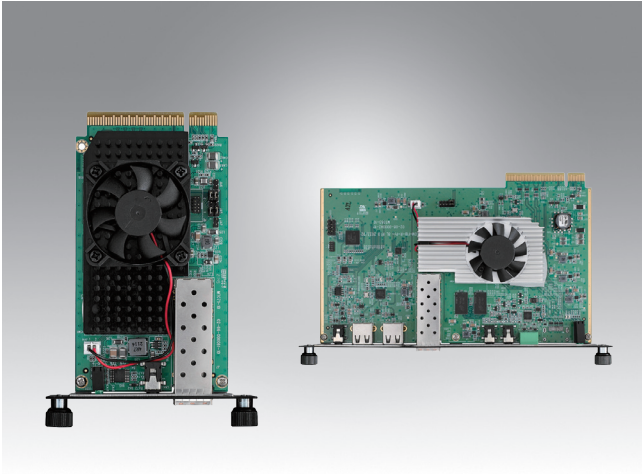


# SDVoE SDM-S/L

## 4K SDVoE Fiber Receiver Smart Display Module



### Features

- SDVoE over fiber receiver for SDM
- Supports HDMI 2.0/HDCP 2.2/1.4
- Uses LC fiber connectors, supports up to 10km on single mode fiber or 300m on multi-mode fiber
- Programmable to scale up or down any resolutions between VGA and 4K
- Supports CEC transfer
- Supports RS-232 transfer



### Introduction

The SDM uses the SDVoE technology to extend HDMI signal up to 30km(Max.) Notice, Transmission distance depending on SFP+ Optical Transceiver Module and Fiber Optic cable type. Example: (FORMERICA TAS-A1NH1-P11 Optical Transceiver Module + OM3 fiber cable.

### Specifications

|                          |                         |  |
|--------------------------|-------------------------|--|
| Video                    | Video Standard          | SDVoE  |
|                          | Video Input             | 1 x SFP+ (10G)   |
|                          | Video Output            | 1x HDMI 2.0 (Loop-Through, HDR Support HDR10/HLG, GB/YUV 420/422/444 8/10bits, 3D Support HDMI1.4B 3D specification) |
|                          | Compression             | S/W H.264/H.265/MPEG4  |
|                          | Max. Resolution / FPS   | 4K@60Hz  |
|                          | Raw Data Format         | YV12/NV12/YUY2/RGB24/RGB32/V410/Y410/P010/P210   |
| Audio                    | Audio Input             | SDVoE Embedded Audio   |
|                          | Format                  | Stereo, 16-bit, 32 ~ 48 kHz  |
| System Requirements      | CPU (Display/Recording) | Intel® Core™ i7-6XXX / AMD Ryzen™ 7 or upper   |
|                          | GPU                     | NVIDIA® GeForce® GTX 1060 or upper *   |
|                          | Memory                  | 8 GB (*Dual Channel)   |
|                          | Operating System        | Windows 7/8/8.1/10; Linux 4.8 or higher  |
| Physical Characteristics | Host Interface          | PCle4 (Gen2)   |
|                          | Operating Temperature   | -20 ~ 70 °C (-4 ~ 158 °F)  |
|                          | Storage Temperature     | -40 ~ 85 °C (-40 ~ 185 °F)   |
|                          | Dimension (L x H)       | 123 x 80/ 195 x 112mm  |
|                          | Safety                  | CE/FCC   |

### Ordering Information

| Part Number   | Description                               |
|---------------|---|
| 96PD-SDMFIBR  | 4K SDVoE Fiber Receiver Multiview (SDM-S) |
| 96PD-SDMFIBRP | 4K SDVoE Fiber Receiver (SDM-L)           |

### Packing List

| Item        | Amount    |
|-------------|-----------|
| SDVoE SDM-S | 1 (piece) |
| SDVoE SDM-L | 1 (piece) |

### Optional Accessories

| Part Number     | Description                               |
|-----------------|---|
| SFP-XMM-LCI-400 | SFP+SR/10G-ED, MM850/LC 400m, -10 ~ 70 °C |