

SPECIFICATIONS



ELII-SDVC-8800 Series DVI detachable AOC

Date:2019.01.22

DESCRIPTIONS

Our new DVI active Fiber Optic UHD Pluggable which is suited for critical and versatile installations. It supports DVI Maximum Data Rate 10.2Gbps with light weight, flexible and ultra-small long-term bending radius (20mm) hybrid cable. With our advanced optical engine embedded. This DVII Hybrid Cable provides full HDMI signal integrity, support up to 100m maximum length, plug and play. No external power required.

KEY FEATURES

- ◆ Supports a wide range of resolutions up to 4K@30Hz ,1080@60Hz 3D and Deep color
- ◆ Supports Multi-channel audio, Dolby True HD, DTS-HD Master Audio
- ◆ Reduced EMI and RFI
- ◆ Has high pulling strength and compression load
- ◆ Has Source / Display clearly printed on the connector as well as tagged on the cable for easy identification.
- ◆ Support 10.2G super speed

Applications

ELII-SDVC-8800 is ideal for long distance transmission in professional AV systems, indoor & outdoor digital signage and kiosks, home theater systems, surgical theaters ,facility automation systems and whenever high resolution video and audio are required. On the display side, the micro HDMI connector enables smooth pulling of the cable. The SOURCE end connects to the source (for example, a DVD, Blu-ray or game console box) and the DISPLAY end to the acceptor (for example, a projector, an LCD display or a tablet device .

Absolute Maximum Rating

Parameter	Symbol	Min	Max	Unit
Power Supply Voltage	VCC	4.5	5.5	V
Operating Temperature	Top	0	50	°C
Storage Temperature	Ts	-40	70	°C
Relative Humidity	Hs	10	80	%RH

Recommended Operating Conditions

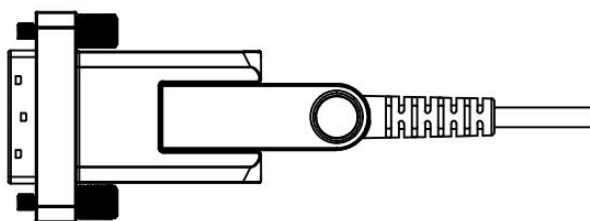
Parameter	Symbol	Min	Typical	Max	Unit
Power Supply Voltage	VCC	4.75	5.0	5.25	V
Operating Temperature	Top	0		50	°C

Specifications

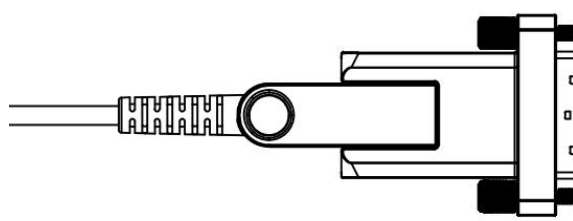
Item	Description	
Units	Transmitter (Source)	Receiver (Display)
EDID	Support bi-directional EDID	
Video Bandwidth	10.2 Gbps	
Supported Resolution & Distance	HDTV : 480p, 720p, 1080i and 1080p deep color, 4K@30Hz, 3D Full HD 1920 x 1080 , up to 100 meters	
O/E Converter	4 channel 850 nm VCSEL array	4 CH GaAs PD array
Connector Type	HDMI type D with HDMI D/Female to HDMI A/Male Adaptor	
Connector Demension	Type D: 44.2mm x 12.7mm x 7.1mm W, D, H DVI : 40mm x 43mm x 14.5mm W, D, H Pulling Tool: 55.2mm x 17.5mm x 13mm W, D, H	
Cable Type	Hybrid type with OM3 fiber and copper wire	
Cable Length	15m/20m/30m/40m/50m/60m/70m/80m/90m/100m (with +/-30cm tolerance) Custom length available.	

Cable Outer Diameter	4.5mm
Jacket Outer Material	PVC/TPU(Custom)
Cable Weight TBD	Cable Weight TBD
Cable Color TBD	Cable Color TBD
Differential Input	100 ohm (typ)
Power Consumption	250mW (max)

Installation

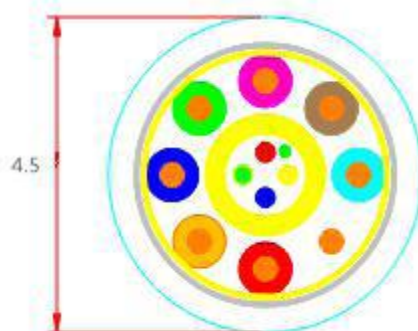


To Source, ex. DVD, PC



To Display, ex. TV

Hybrid Cable Profile



Ordering Information

Part Number	Description
ELII-SDVC-8800-010	DVI AOC , 4K/30P , 1080/60P, Suport EDID/HDCP , Length 10m
ELII-SDVC-8800-015	DVI AOC , 4K/30P , 1080/60P, Suport EDID/HDCP , Length 15m
ELII-SDVC-8800-020	DVI AOC , 4K/30P , 1080/60P, Suport EDID/HDCP , Length 20m
ELII-SDVC-8800-030	DVI AOC , 4K/30P , 1080/60P, Suport EDID/HDCP , Length 30m
ELII-SDVC-8800-040	DVI AOC , 4K/30P , 1080/60P, Suport EDID/HDCP , Length 40m
ELII-SDVC-8800-050	DVI AOC , 4K/30P , 1080/60P, Suport EDID/HDCP , Length 50m
ELII-SDVC-8800-060	DVI AOC , 4K/30P , 1080/60P, Suport EDID/HDCP , Length 60m
ELII-SDVC-8800-070	DVI AOC , 4K/30P , 1080/60P, Suport EDID/HDCP , Length 70m
ELII-SDVC-8800-080	DVI AOC , 4K/30P , 1080/60P, Suport EDID/HDCP , Length 80m
ELII-SDVC-8800-090	DVI AOC , 4K/30P , 1080/60P, Suport EDID/HDCP , Length 90m
ELII-SDVC-8800-100	DVI AOC , 4K/30P , 1080/60P, Suport EDID/HDCP , Length 100m

Packing Details:



**5PCS/CARTON
FOR 70M to 100M**



**10PCS/CARTON
FOR 10M to 60M**



Inner Box

Outer Carton

Packing Details Sheet:

Item No.	Length(m)	Box Size(mm)	CTN Size(mm)	PCS/CTN	N.W. (KG/Box)	N.W. (KG)/CTN	G.W. (KG)/CTN
ELII-SDVC-8800-10	10	220*220*74	47*38.5*25.5	10	0.7	7	8
ELII-SDVC-8800-15	15	220*220*74	47*38.5*25.5	10	0.85	8.5	9.5
ELII-SDVC-8800-20	20	220*220*74	47*38.5*25.5	10	0.795	9.5	10.5
ELII-SDVC-8800-30	30	220*220*74	47*38.5*25.5	10	1.2	12	13
ELII-SDVC-8800-40	40	220*220*74	47*38.5*25.5	10	1.45	14.5	15.5
ELII-SDVC-8800-50	50	260*250*74	56.8*40*31	10	2.05	20.5	21.5
ELII-SDVC-8800-60	60	260*250*74	56.8*40*31	10	2.25	22.5	23.5
ELII-SDVC-8800-70	70	325*315*74	39*36*34	5	2.5	12.5	13
ELII-SDVC-8800-80	80	325*315*74	39*36*34	5	3	15	16
ELII-SDVC-8800-90	90	325*315*74	39*36*34	5	3.2	16	17
ELII-SDVC-8800-100	100	325*315*74	39*36*34	5	3.5	17.5	18.5