

AV EXTENDER



AV-L



AV-L-PRO



AV-E2/AV-E4/AV-E8



**AV-E16/AV-E32
(Local)**



AV-R



AV-R-PRO

(Remote)

Package Contents for AV-E

- AV-L Local Unit
- AV-R Remote Unit
- 1 user manual
- 2 power adapter DC 12V/600mA
- 1 VGA 1.2M cable (HD-15 Male to Male)
- 1 Audio 1.2M cable

Package Contents for AV-E-PRO

- AV-L-PRO Local Unit
- AV-R-PRO Remote Unit
- 1 user manual
- 2 power adapter DC 12V/600mA
- 1 VGA 1.2M cable (HD-15 Male to Male)
- 1 Audio 1.2M cable

Package Contents for AV-E2

- AV-E2 Local Unit
- 1 user manual
- 1 power adapter DC 12V/600mA
- 2 rack rails, 6 screws
- 1 VGA 1.2M cable (HD-15 Male to Male)
- 1 Audio 1.2M cable

Package Contents for AV-E4

- AV-E4 Local Unit
- 1 user manual
- 1 power adapter DC 12V/1.25A
- 2 rack rails, 6 screws
- 1 VGA 1.2M cable (HD-15 Male to Male)
- 1 Audio 1.2M cable

Package Contents for AV-E8

- AV-E8 Local Unit
- 1 user manual
- 1 power adapter DC 12V/1.25A
- 2 rack rails, 6 screws
- 1 VGA 1.2M cable (HD-15 Male to Male)
- 1 Audio 1.2M cable

Package Contents for AV-E16

- AV-E16 Local Unit
- 1 user manual
- 1 AC power cord
- 2 rack rails, 6 screws
- 1 VGA 1.2M cable (HD-15 Male to Male)
- 1 Audio 1.2M cable

Package Contents for AV-E32

- AV-E32 Local Unit
- 1 user manual
- 1 AC power cord
- 2 rack rails, 6 screws
- 1 VGA 1.2M cable (HD-15 Male to Male)
- 1 Audio 1.2M cable

Package Contents for AV-R

- AV-R Remote Unit
- 1 user manual
- 1 power adapter DC 12V/600mA

Package Contents for AV-R-PRO

- AV-R-PRO Remote Unit
- 1 user manual
- 1 power adapter DC 12V/600mA

Any thing missed, please contact with your vendor.

Features

- The extension of video and audio signal up to 180/300 meter away by using the VIDEO/AUDIO Extender and one CAT.5 cable.
- Equalization length is adjustable.
- VGA signal gain is adjustable.
- Audio sample rate 96KHz.
- Can use external microphone to output sounds to audio amplifier.

Specifications

Function	AV-L	AV-L-PRO	AV-R	AV-R-PRO
VGA In/Out Connector	HD-15 Female x 2		HD-15 Female x 1	
Audio In/Out Connector	3.5 ϕ Stereo Jack x 1		3.5 ϕ Stereo Jack x 1	
MIC In Connector	3.5 ϕ Stereo Jack x 1			
RJ-45 Connector	1			
Max. Resolution	2048x1536 60Hz			
Cable Distance	180 m (Max.)	300 m (Max.)	180 m (Max.)	300 m (Max.)
Power Adapter (Min.)	DC 12V 600mA			
Housing	Aluminum			
Weight	288 g	288 g	296 g	296 g
Dimensions (LxWxH)	130x110.5x25 mm			

Function	AV-E2	AV-E4	AV- E8	AV-E16	AV-E32
VGA In Connector	HD-15 Female x 1				
VGA Out Connector	HD-15 Female x 1				
Audio In Connector	3.5 ϕ Stereo Jack x 1				
MIC In Connector	3.5 ϕ Stereo Jack x 1				
RJ-45 Connector	2	4	8	16	32
Max. Resolution	2048x1536 60Hz				
Cable Distance	300 m (Max.)				
Power Adapter (Min.)	DC 12V 600mA	DC 12V 1.25A		AC 100~240V / 50~60Hz	
Housing	Metal				
Weight	720 g	740 g	860 g	2570 g	2835 g
Dimensions (LxWxH)	220x119.5x41 mm			440x185x42 mm	

LOCAL FRONT VIEW



AV-L/AV-L-PRO



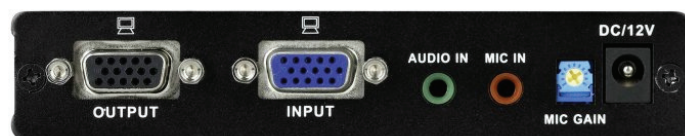
AV-E2/AV-E4/AV-E8



AV-E16/AVE32

1. Power LED
2. CAT.5 (RJ-45 Connector)

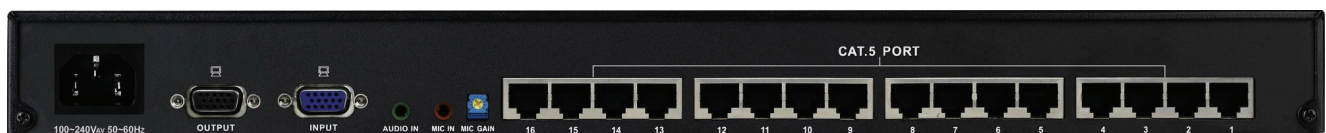
LOCAL REAR VIEW



AV-L/AV-L-PRO



AV-E2/AV-E4/AV-E8



AV-E16/AV-E32

1. Input Power Jack
2. VGA Output (HD-15 Female Connector)
3. VGA Input (HD-15 Female Connector)
4. AUDIO Input
5. MIC Input
6. MIC GAIN – adjust volume of microphone
7. CAT.5 (RJ-45 Connector)

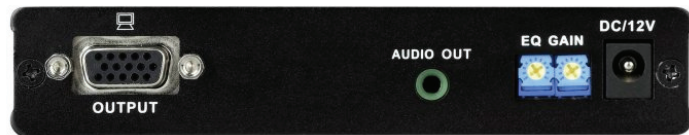
REMOTE FRONT VIEW



AV-R/AV-R-PRO

1. Power LED
2. CAT.5 (RJ-45 Connector)

REMOTE REAR VIEW



AV-R/AV-R-PRO

1. VGA Output (HD-15 Female Connector)
2. AUDIO Output
3. EQ – Equalization length adjust (Adjust it and weak characters be sharp)
4. GAIN – Adjust brightness
5. Input Power Jack

Installation

1. Turn off the PC.
2. Connect AV-Extender local unit HD-15 female input connector with HD-15 male to male cable from PC.
3. Connect the audio input connector at local unit of AV-Extender with audio cable from PC.
4. Connect the mic input connector at local unit of AV-Extender with mic cable from microphone.
5. Connect AV-Extender local unit HD-15 female output connector with HD-15 male to male cable from monitor.
6. Connect AV-Extender local and remote unit with CAT.5 cable.
7. Connect AV-Extender remote unit HD-15 female connector with HD-15 male to male cable from monitor.
8. Connect the audio output connector at remote unit of AV-Extender with audio cable from audio amplifier.
9. Connect the power cord on each side.
10. Turn on the monitor and PC and audio amplifier.

Additional Options

Select any additional options you may require.

- 1. It provides perfect skew delay correction, we suggest when distances over 150M it is needed.
(Item No: SK-101)



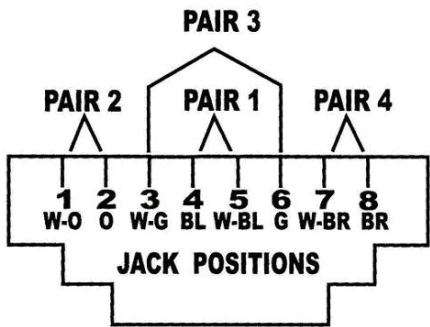
Distances and Resolutions for CAT.5/5E and CAT.6 cables

CAT.5/5E	50M	2048x1536
	100M	1280x1024
	180M	1024x768
	200M	800x600
	300M	640x480
CAT.6	30M	1920x1440
	50M	1280x1024
	100M	800x600

PS. We suggest to use CAT.5 cable because the performance is better than others.

Wiring Information & Coding

Conductor Identification	RJ45 Pin Assignment	Color Code for Conductor
Pair 1	5	White-Blue
	4	Blue
Pair 2	1	White-Orange
	2	Orange
Pair 3	3	White-Green
	6	Green
Pair 4	7	White-Brown
	8	Brown



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