



AVE-9300
AVE-9301
AVE-9304
AVE-9304A
AVE-9308
AVE-9316

Audio/Video Extenders

H/W Version: 3

Product Overview

The LevelOne AVE-93xx series of Cat.5 Audio/Video Extenders is an ideal PC, DVD player broadcast solution to transmit audio and video signals via Cat.5/6/7 cabling to multiple remote plasma or LCD monitor/screen.

Cost-effective Audio/Video Broadcasting over Ethernet

The AVE-93xx series make use of inexpensive Ethernet cabling to transmit and receive HDTV audio and video signals. Signals can be transmitted up to 300 meters away from the transmitting unit.

Flexible Multi-Location Audio/Video Broadcasting

The AVE-9301, AVE-9304, AVE-9308 and AVE-9316 transmit Audio/Video from the controlling unit (player) via Cat. 5/6/7 cabling to remote monitors. The AVE-9300 receives the signal and translates it back to its original form making it possible for the remote monitor/screen to display the original signal.

By using the AVE-9304A, equipped a RJ45 A/V input port, users can replicate the signal and transmit it to 4 receivers or repeater connected. The AVE-9304A forms an integral part of the larger network if users want to extend the broadcasting 3 levels of network to 900 meters.

Cable Kits for Different Applications

The units support VGA/SVGA/XGA TFT-LCD, LCDTV, PDP and DDC2B enabled projectors by using different format cable kits.

- **PC Cable Kit**
  VGA A/V with support for all VGA standards
  Max Resolution: 2048x1536 at 300m

- **TV Cable Kit**
  Composite/S-Video A/V
  Supports: 480i, 480p and 720i video format

Easy Installation

The compact Cat.5/6/7 Audio/Video extenders easily fit on a desk or where space is limited. No software or interface cards are needed. All repeaters and transmitters are plug-and-play orientated for quick installation.

The AVE-9304A can be cascaded to three levels to expand broadcasting locations and broadcasting distances up to 900 meters. The AVE-9304A and AVE-9300 features adjustable video gain and focus control for adjusting video signals that are extended over this distance.

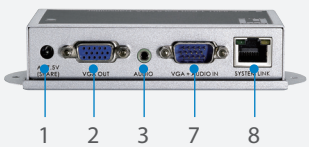
AVE-9300



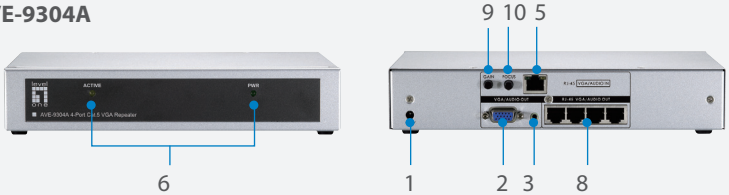
AVE-9304



AVE-9301



AVE-9304A



1. Power Jack
2. VGA Output
3. Audio Input/Output
4. Video Control
5. RJ-45 Input
6. LEDs
7. VGA Input
8. RJ-45 Output
9. Video Gain Control
10. Video Focus Control

Key Features

- Broadcast Audio/Video signals over Ethernet Cable
- Supports 2048x1536 VGA resolution over 300m
- Flexible multi-location Audio/Video broadcasting Flexible cable kit choices for different video
- Units can be cascaded into 3 levels for extending broadcast signal to 900m away
- Repeater and Receiver units feature Video Gain and Focus control

Related Products



AVE-9201
1-Port Cat.5 Audio/Video Broadcaster

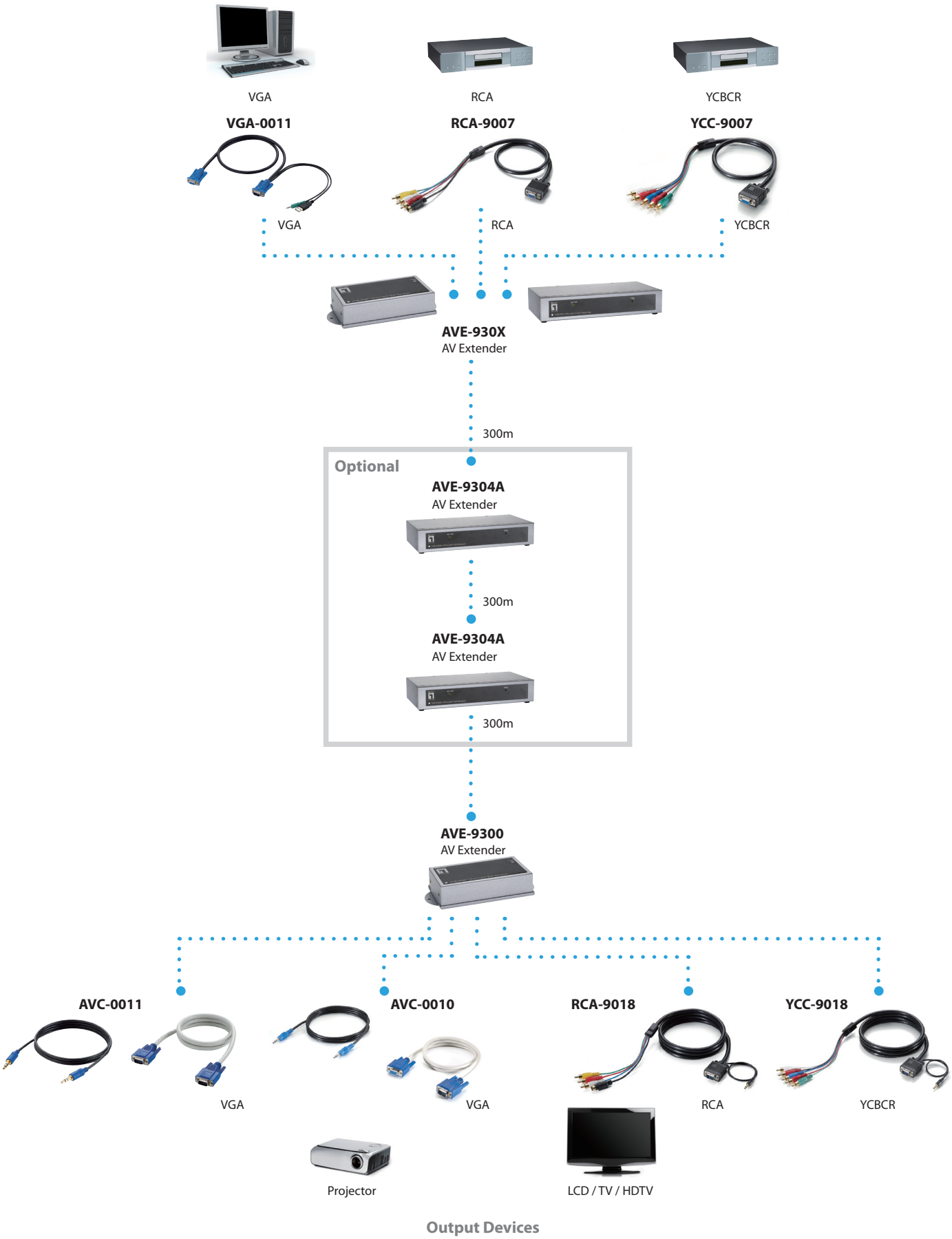


AVE-9200
Cat.5 Audio/Video Receiver

Technical Specifications

Type	Transmitter				Repeater	Receiver
Model No.	AVE-9301	AVE-9304	AVE-9308	AVE-9316	AVE-9304A	AVE-9300
Product Name	1-Port Cat.5 VGATransmitter	4 -Port Cat.5 VGA Transmitter	8 -Port Cat.5 VGA Transmitter	16 Port Cat.5 VGA Transmitter	4 Port Cat.5 VGA Repeater	1- Port Cat.5 VGA Receiver
RJ-45 AV Input	-				1	1
RJ-45 AV Output	1	4	8	16	4	-
DB15 AV Input	1	1	1	1	-	-
DB15 AV Output	1	1	1	1	1	1
Video Control	-				Video Gain and Focus	
Max Distance	300m				-	-
Cascadable	-				3 Levels	-
Max Resolution	2048 x 1536					
Video Quality	PC: Support all VGA format and with a max. capacity of 2048 x 1536 @ 300m TV: Support: 480i . 480p / 720i video format and Max. distance of 300m					-
Audio	Stereo					Stereo
PC Cable	VGA-0011 for player				AVC-0010 for display (M-F) AVC-0011 for display (M-M)	AVC-0010 for display (M-F) AVC-0011 for display (M-M)
HDTV Cable	YCC-9007 for player				YCC-9018 for display	YCC-9018 for display
TV Cable	RCA-9007 for player				RCA-9018 for display	RCA-9018 for display
LED	Power and Activity					
Power Consumption	DC 5V, 1.2A	DC 5V, 2A	DC 5V, 3A	DC 5V, 3A	DC 5V, 2A	DC 5V, 1.2A
Dimensions(mm)	62 x113 x27	240 x 130 x144			240 x 130 x144	60 x113 x 27
Operating Temp.	0° C ~50° C					
Storage Temp.	-20° C ~ 60° C					
Humidity	10% ~ 90% Non-Condensing					

Dimension Diagram



Order Information

AVE-9300: 1-Port Cat.5 VGA Receiver

AVE-9301: 1-Port Cat.5 VGA Transmitter

AVE-9304: 4-Port Cat.5 VGA Transmitter

AVE-9304A: 4-Port Cat.5 VGA Repeater

AVE-9308: 8-Port Cat.5 VGA Transmitter

AVE-9316: 16-Port Cat.5 VGA Transmitter

Package Content

AVE-9300: AVE-9300 x 1, Power Adapter (DC 5V/1.2A), User Manual x 1

AVE-9301: AVE-9301 x 1, Power Adapter (DC 5V/1.2A), User Manual x 1

AVE-9304: AVE-9304 x 1, Power Adapter (DC 5V/2A), User Manual x 1

AVE-9304A: AVE-9304A x 1, Power Adapter (DC 5V/2A), User Manual x 1

AVE-9308: AVE-9308 x 1, Power Adapter (DC 5V/3A), User Manual x 1

AVE-9316: AVE-9316 x 1, Power Adapter (DC 5V/3A), User Manual x 1

Cable Accessories



RCA-9007
0.7m RCA cable for player



RCA-9018
1.8m RCA cable for display



YCC-9007
0.7m YCBCR cable for player



YCC-9018
1.8 YCBCR cable for displayer



VGA-0011
1m VGA Male to Female and Audio Cable



AVC-0010
1m A/V cable for display (male to female)



AVC-0011
1m A/V cable for display (male to male)

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