

AVK-70Z-101&301

150M / 300M CAT5 VGA Extender Kit

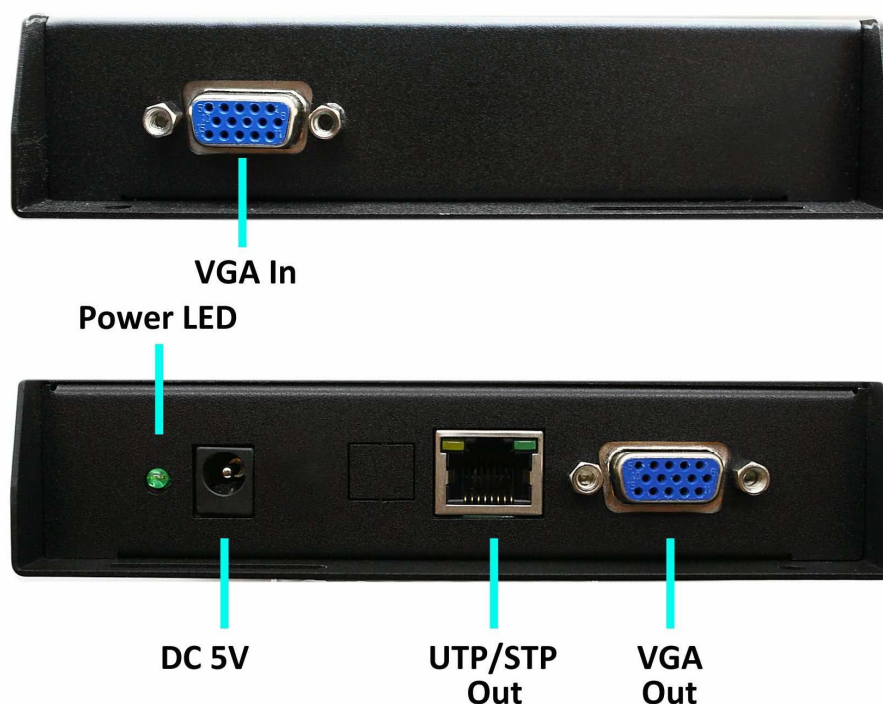
The Extender Kit consists of a transmitter and a receiver. It is a VGA Only Extension unit that allows VGA signals be sent up to 150 ~ 300M (500 ~ 1000 ft.) via economical, easy-to-install unshielded twisted pair (UTP) CAT5 cable. It's simple, straight forward plug-and-play. Crisp video imaging and high fidelity sound. Applications: shopping malls, public address systems, educational facilities, transportation stations, boardrooms, stores, restaurants, showrooms, windows displays, trade shows, exhibitions, computer based training.

Features

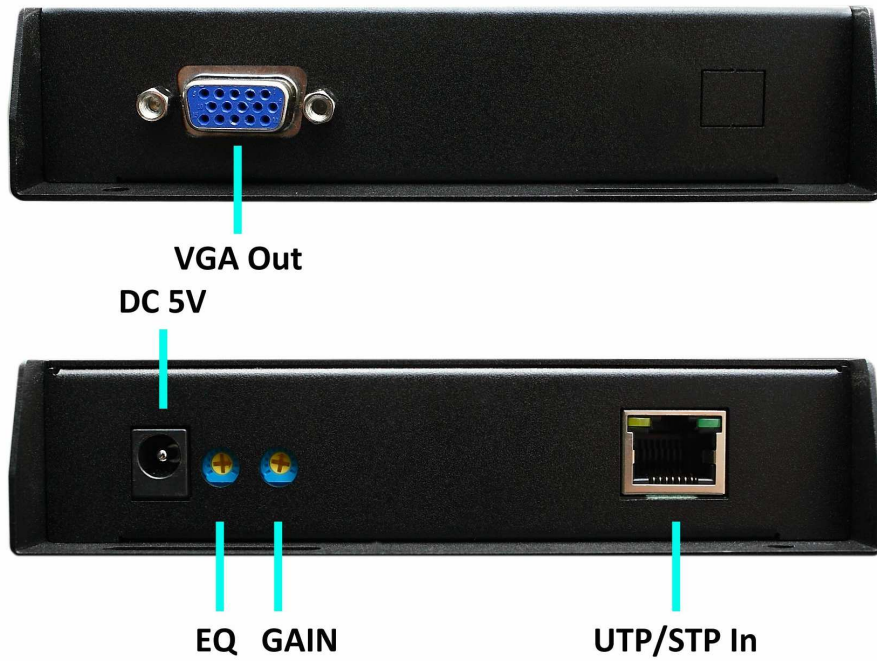
- ❖ Supports up to 1920 x 1200 @60Hz resolution.
- ❖ Receivers have Gain and EQ adjustments for optimum image quality.
- ❖ AVK-70Z-301 kit has adds RGB skew adjustment function.
- ❖ Supports the latest TFT, LCD, SVGA, VGA multisync monitors and DDC2B high resolution.
- ❖ Run a single UTP cable to 300M (1000 feet) from Transmitter (for AVK-70Z-301 kit).
- ❖ Razor sharp video.
- ❖ Pure hardware, Plug n Play design.

Front and Back View

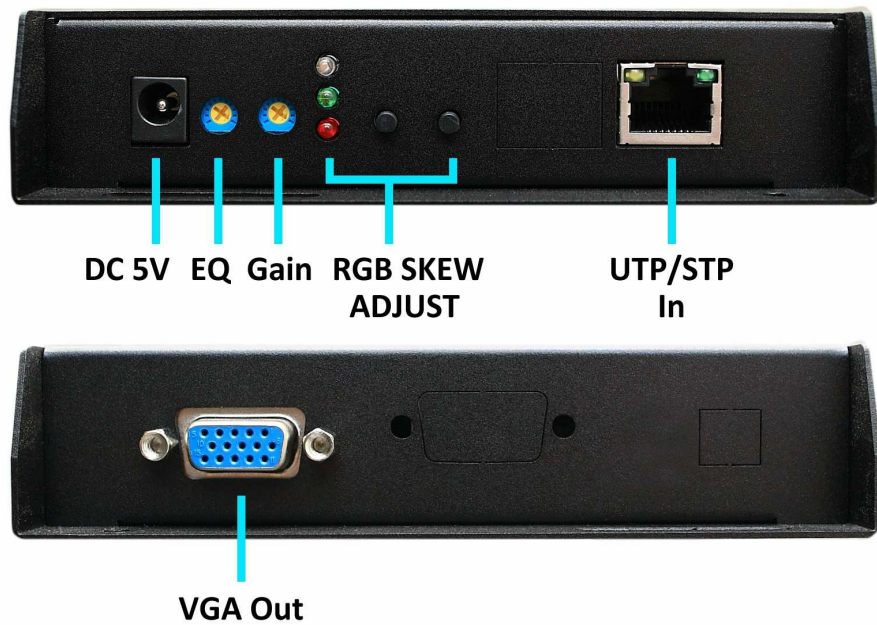
AV-702Z-101 Transmitter



AV-701Z-101 Receiver



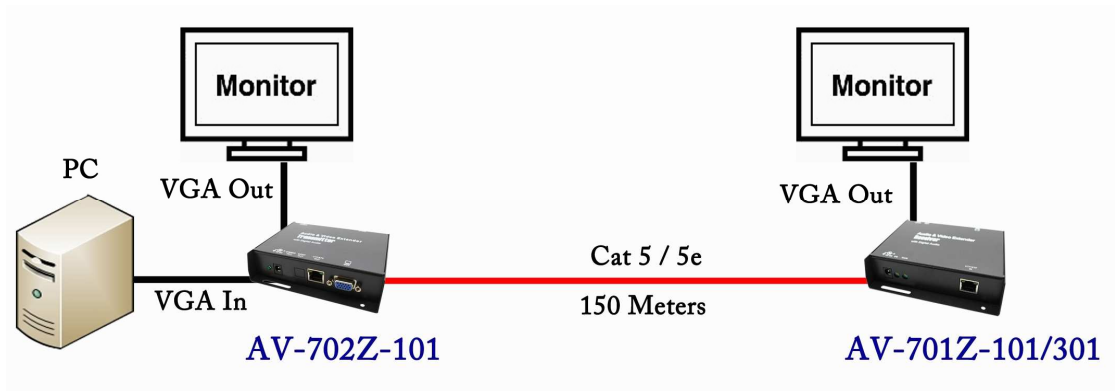
AV-701Z-301 Receiver



Specification

Model No.		AV-702Z-101 Transmitter	AV-701Z-101 Receiver	AV-701Z-301 Receiver
System Cable		CAT5, FTP Solid Wire 2x4x24 AWG, standard 568B RJ-45 connector		
Connectors	System OUT	1 x RJ-45 F	N/A	N/A
	System IN	N/A	1 x RJ-45 F	1 x RJ-45 F
	VGA IN	1 x HDD15 F	N/A	N/A
	VGA OUT	1 x HDD15 F	1 x HDD15 F	1 x HDD15 F
	Video Gain	N/A	1 x Mini Pot	1 x Mini Pot
	Video EQ	N/A	1 x Mini Pot	1 x Mini Pot
	Video RGB Skew	N/A	N/A	2 x mini Push button
	Power	1 x Power Jack	1 x Power Jack	1 x Power Jack
	Power LED	1 (Green)	1 (Green)	1 (Green)
RGB LED	N/A	N/A	3 x R/G/B	
Resolution		1920 x 1200@ 60Hz , DDC2B		
Distance		Depends on receiver, and CAT5 cable quality.	0 ~ 150M (500 ft.)	0 ~ 300M (1000 ft.)
Power Consumption		External 100~240VAC to output DC +5.0V; 1.2A		
Environment	Operating Temp.	0 ~ 70°C		
	Storage Temp.	-20 ~ 70°C		
	Humidity	0 ~ 80% RH		
Physical Properties	Housing	Metal (Black)		
	Dimensions (L x W x H)	12.8 x 11 x 2.9 cm		
	Weight	375 g	343 g	370 g

Diagram



Ordering Information

AV-702Z-101 Transmitter	1-port CAT5 VGA Transmitter with local VGA loop-out. (1 VGA In, 1 VGA Out, 1 RJ45 Out)
AV-701Z-101 Receiver	150 meters CAT5 VGA Receiver. (1 RJ45 In, 1 VGA Out), built-in video Gain/Equalizer
AV-701Z-301 Receiver	300 meters CAT5 VGA Receiver. (1 RJ45 In, 1 VGA Out), built-in video Gain/Equalizer and RGB Skew