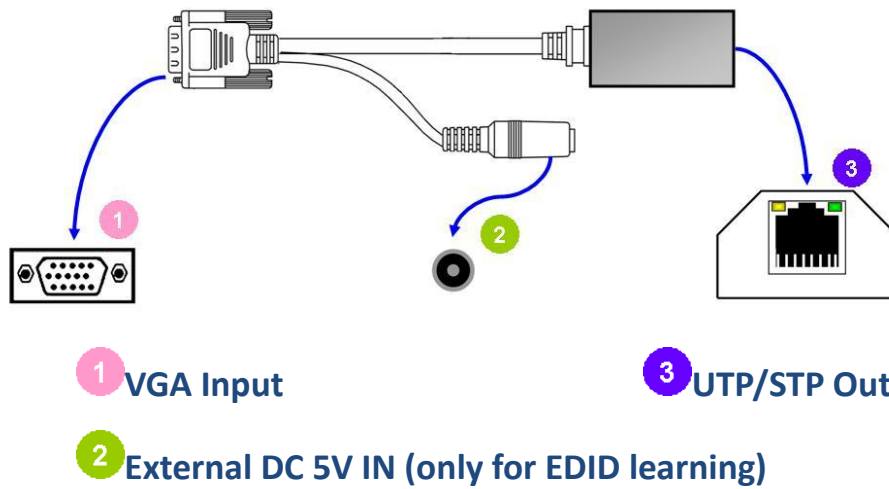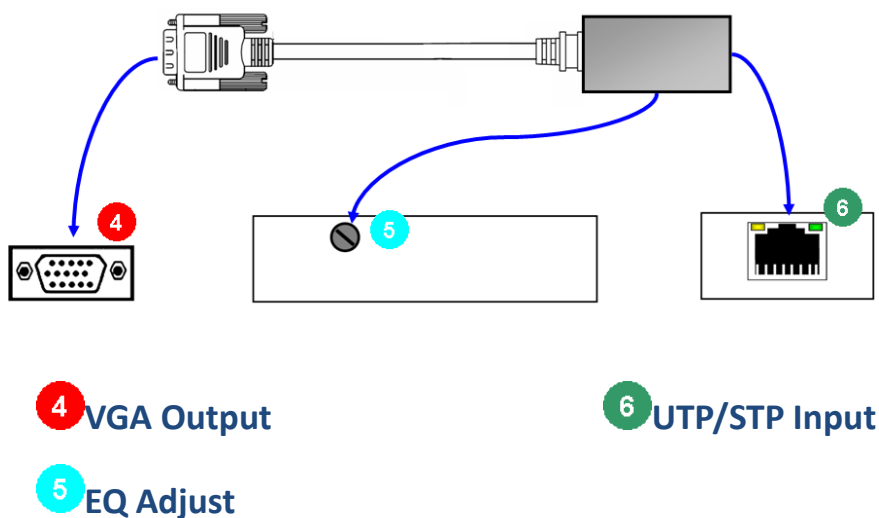# MV-101

Zero Footprint, Self-Powered VGA Extender

The **MV-101** is a unique solution of CAT5 VGA Extender that directly powered from the VGA source and transmitting VGA video over UTP cable up to 150m. You don't need external power supply on Source (Transmitter) and Display (Receiver) sites. The Transmitter embedded with EDID learning, the Receiver built-in with EQ adjustment features. It is a pure hardware and Plug n Play design, no any software driver is required.
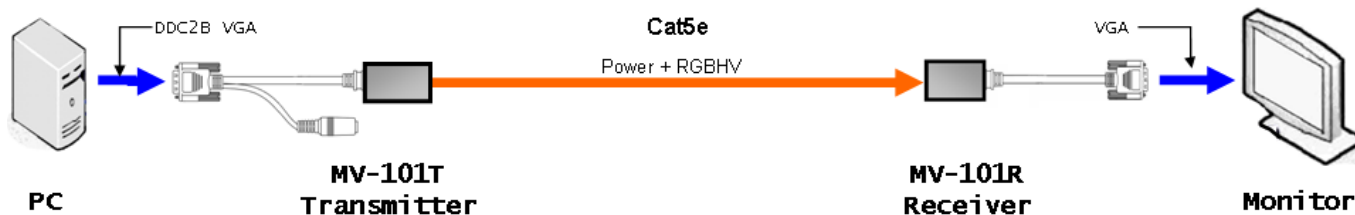
MV-101T Transmitter

1 VGA Input   **3** UTP/STP Out

2 External DC 5V IN (only for EDID learning)

MV-101R Receiver

4 VGA Output   **6** UTP/STP Input
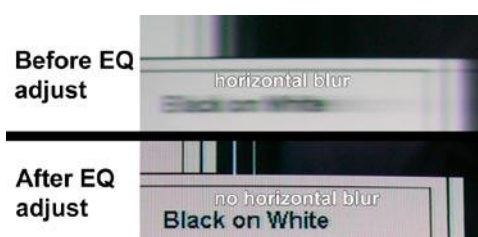
5 EQ Adjust

System Diagram

Image Turning

There is a EQ adjustment built-in the MV-101R Receiver. Depending on the UTP cable length, you can adjust the EQ to get the best image clarity.

VGA Resolutions

Resolution	1024x768/1280x1024	1600x1200	1920x1440	2048x1536
UTP distance	150m	100m	60m	40m

Specification

Model	MV-101T Transmitter	MV-101R Receiver
Maximum Distance	150m of Cat5e/6/7/8 UTP cable	
VGA Port	VGA D-Sub Male X 1 (Input)	VGA D-Sub Male x 1 (Output)
RJ-45 Port	RJ-45 X 1 (Output)	RJ-45 X 1 (Input)
Power consumption	0.4 W (Max)	0.5 W (Max)
Operating Temp.	$0 \sim 40\ ^{o}C$	
Humidity	0 ~ 80% Non-condensing	
Housing (L x W x H)	Plastic 210 (L) x40 (W) X 23 (H)	Metal & Plastic 210 (L) x 35 (W) X 18 (H)
Weight	70g	70g