



# 200m VGA Extender Over IP with Audio, MJPEG

## Model: LM-200VC



## User Manual

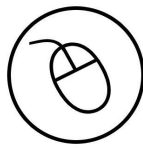
## Product Description

This series of extenders is designed to transmit 1080P HD VGA video, audio, and optional USB keyboard and mouse signals. It supports both direct CAT5e/6 cable connections and transmission via network switches, enabling flexible one-to-one and one-to-many configurations. The transmitter features a VGA loop-out port for local display monitoring. With built-in EDID functionality, the extender ensures enhanced compatibility with various display devices. Offering long-distance transmission, cost-effective deployment, easy installation, and broad system compatibility, it provides a stable and efficient solution for signal extension. Widely used in computer monitoring, HD conferencing, education, and other digital signage applications.

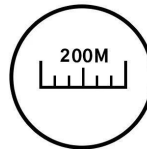
## Main characteristics



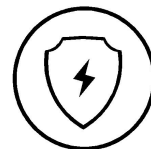
HD 1080P@60Hz



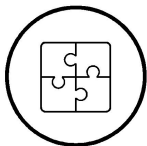
Mouse & keyboard **optional**



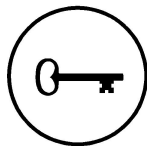
200M



static protection



high compatibility



MJPEG code



local loop



plug-and-play

## Features

### LM-200VC

1. Transmits 1080P VGA video, audio
2. Supports Full HD 1920×1080@60Hz resolution

3. Transmission distance up to 200 meters over CAT5e/6 cable
4. One-to-one and one-to-many application scenarios supported
5. Supports direct CAT5e/6 cable connection or switch-based transmission
6. Local VGA loop-out on transmitter for real-time monitoring
7. Equipped with 3.5mm audio input and output ports
8. Built-in EDID for enhanced device compatibility
9. Utilizes MJPEG video compression for stable and smooth transmission
10. High compatibility with various operating systems and devices
11. Built-in static protection for safe and reliable operation
12. Cost-effective and easy to install
13. Plug-and-play design, no drivers required
14. Widely used in monitoring, conference, teaching, and digital signage systems

## Equipment List

1x VGA Extender Transmitter  
1x VGA Extender Receiver  
2x Power adapter  
1x Users manual

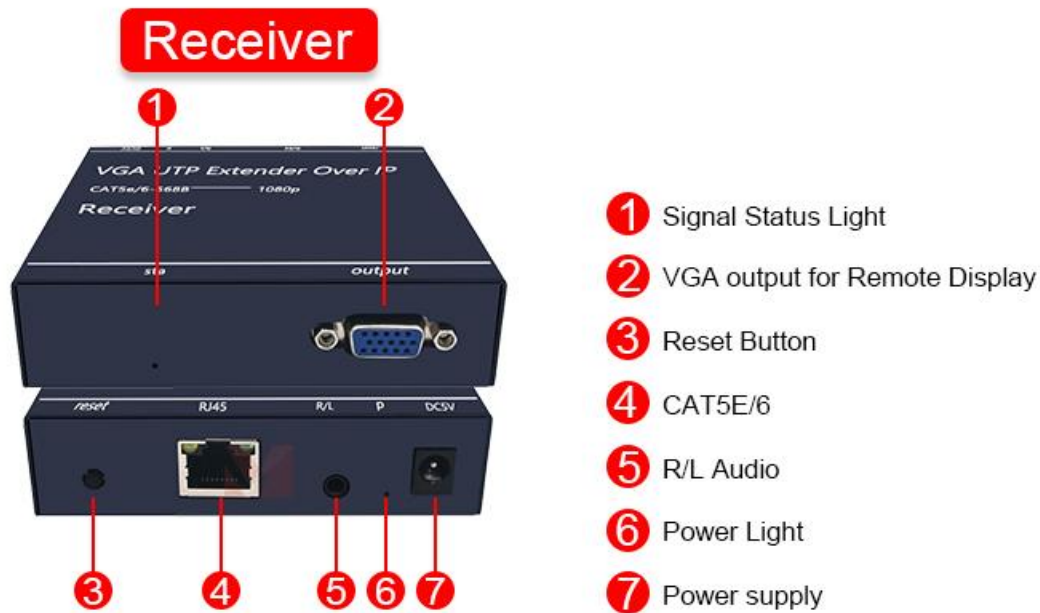
## Specification

Brand Name	LINK-MI
Model No.	LM-200VC
Product Name	200M VGA Extender
Specification	
VGA port bandwidth	350MHz
Resolution	1920*1080@60Hz backwards compatible
Video interface	VGA

Audio interface	3.5mm R/L
USB version/interface (optional)	USB1.1 / USB-A
Recommended length of VGA cable	Not longer than 5 meters
network interface	Standard RJ45 connector
Transmission Distance	200m
Bandwidths	One transmitter occupies about 60M bandwidth. Only one transmitter is allowed inside a switch, and it is not recommended to share the switch with other network devices.
Power supply	DC 5V/ 2A
Operating temperature	-5°C ~ +70°C
Working humidity	5% ~ 90%

## Interface Description





Note: USB interface is optional, if you need this function, select the corresponding style.

## Installation steps

1. Select the national standard network cable standardized wiring, avoid sources of interference or good shielding measures;
2. The VGA signal source into the sender INPUT interface;
3. Connect the OUTPUT interface of the sending end to the local display device;
4. Network cable directly or through the switch/transceiver and other equipment to connect the network interface between the sending end and the receiving end;
5. Connect the OUTPUT interface of the receiving end to the display device;
6. The installation is complete, do grounding and other safety measures.

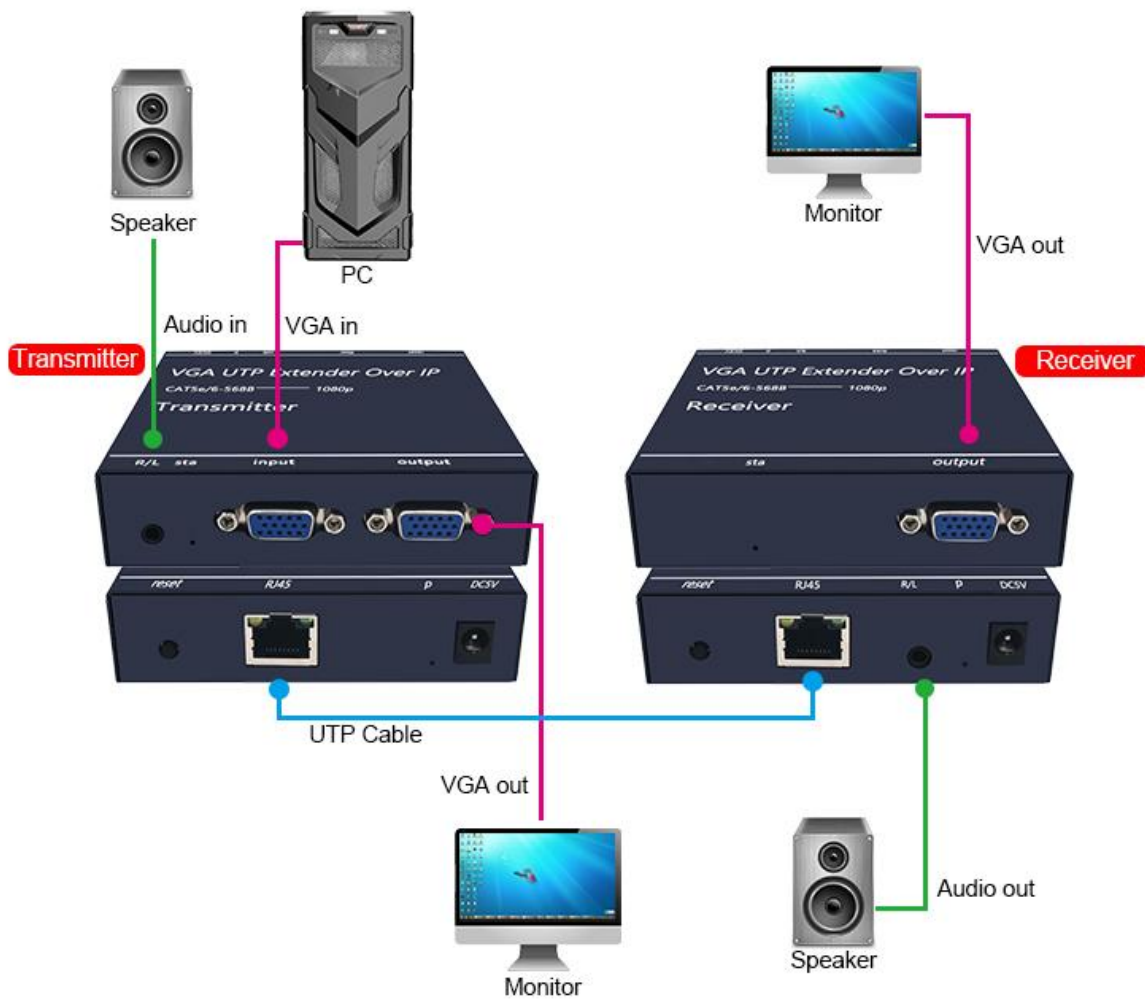
## Connection Diagram

This device supports one-to-one/one-to-many and other methods of use, to one

multi-transceiver as an example:

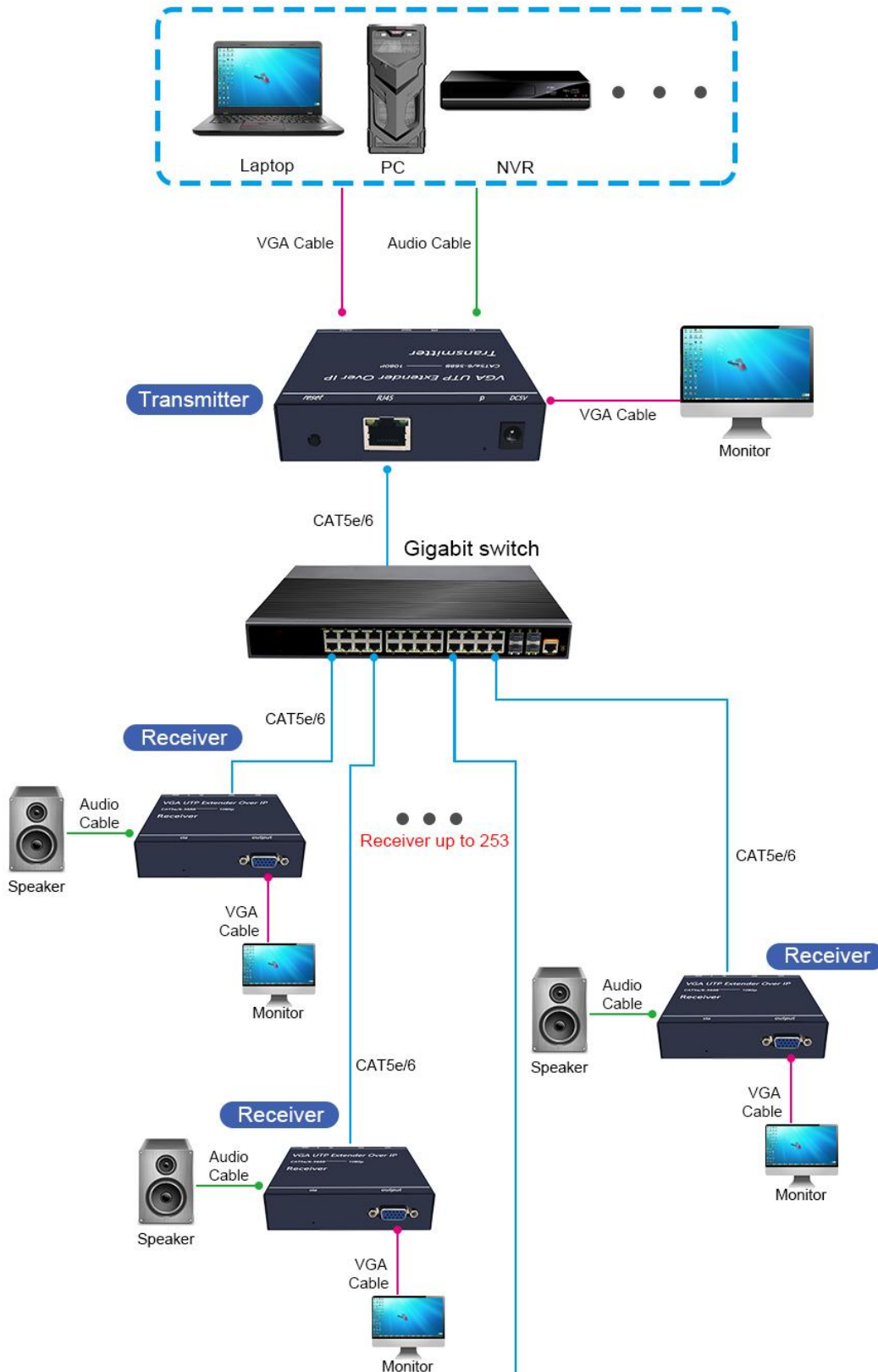
## One to One

● VGA Cable    ● UTP Cable    ● Audio Cable



# One to Many

● VGA Cable    ● UTP Cable    ● Audio Cable



Note 1: Support transmission modes such as one-to-one/one-to-many. It is not recommended to share the switch with other network devices;