AV over IP Matrix Controller
GF-AVIP-MC

This Matrix Controller is a powerful and flexible solution for controlling Gefen® compatible Video and KVM over IP based extenders within the same network. The user only needs to install this unit into the same local network as the extenders (transmitters and receivers) to easily define and configure channel routing selections(including video, audio and a variety of controller interface types), using the WebGUI. Without the use of this centralized unit, each transmitter and receiver in the system would need to be controlled and configured directly through their own individual WebGUIs.

Additionally, this unit supports controlling the matrix and video wall modes of connected AVoIP units. The settings of all connected transmitter/receiver units, including IP address, netmask and extender status are clearly displayed within the WebGUI.
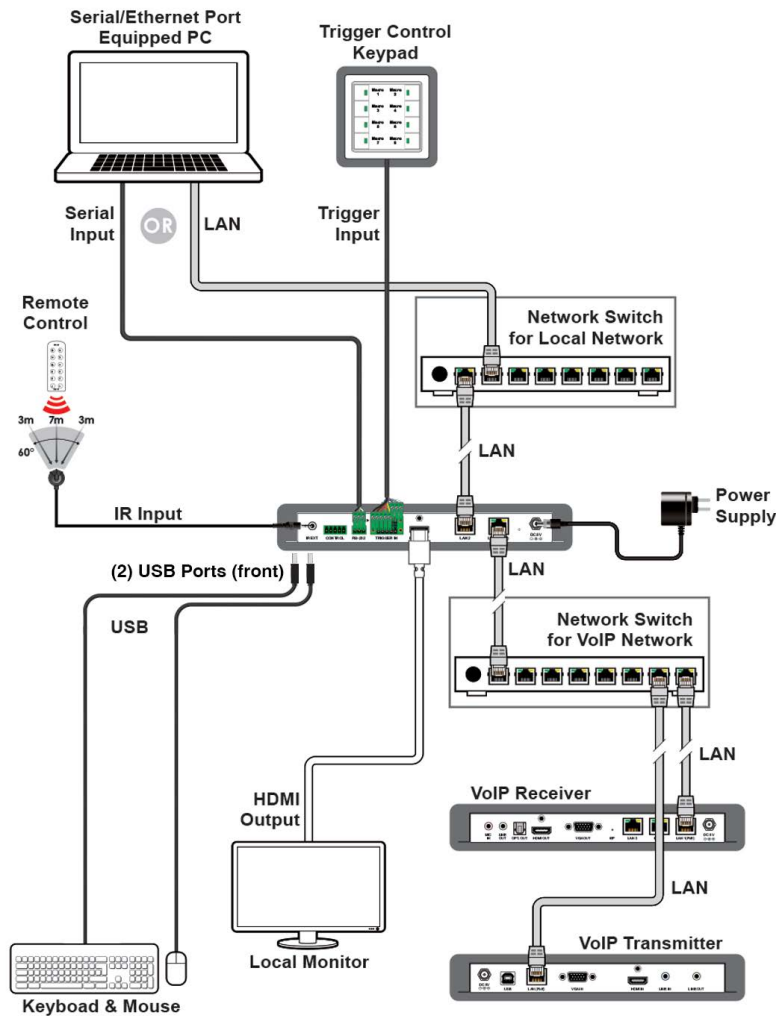
The WebGUI is easily accessed via a web browser over a normal network connection or by directly connecting an HDMI display and USB keyboard and mouse to the unit. A standard HDMI plus USB touch screen display can also be used to interact with the local WebGUI and control the unit.

A trigger input interface is also provided to allow the easy addition of a remote control keypad, or other trigger-supporting products, which can be installed within a podium or within a table in a conference room or classroom. This interface can allow the user to activate stored presets with the simple press of a button. Standard control is available via WebGUI (remote or local), RS-232, Telnet, UDP and IR remote.

AV over IP Matrix Controller

GF-AVIP-MC

Serial/Ethernet Port Equipped PC

Trigger Control Keypad

Serial Input — OR — LAN

Trigger Input

Remote Control

3m 7m 3m

60°

IR Input

Network Switch for Local Network

LAN

Power Supply

(2) USB Ports (front)

LAN

USB

Network Switch for VoIP Network

HDMI Output

LAN

VoIP Receiver

Local Monitor

LAN

Keyboard & Mouse

VoIP Transmitter

FEATURES

- Enables the management and configuration of multiple Gefen® Audio/Video over IP (AVoIP) extenders through a single WebGUI

- Supports point-to-point (unicast) and multi-to-multi (multicast) routing selections

- Control over both matrix and TV wall modes using WebGUI presets

- Definable display groups

- WebGUI clearly displays the status of all connected Transmitters and Receivers, including IP address, channel selection, etc.

- HDMI output displays the WebGUI and system status

- Dual LAN ports enable control over VoIP installations that reside on a logically or physically separate network from the standard local network

- Supports the use of a USB mouse and keyboard to locally control the WebGUI

SPECIFICATIONS Supports Gefen Syner-G Software for Discovery and Configuration

Interfaces	
Output Port	1 HDMI (Type-A)
Control I/O	1 IR Extender 1 RS-232 (3-pin Terminal Block) 8 Trigger (10-pin Terminal Block) 2 USB (Type-A) 2 LAN (RJ-45)
Reserved Port	1 RS-232 (5-pin Terminal Block)
Service Port	MicroSD Slot

Power	
Power Supply	5V/2.6A DC (Locking)
Power Consumption	14W

Video	
HDMI Compliance	1.4
Output Signal Type	1920x1080p@60
Maximum Output	HDMI

Enclosure	
Chassis Material	Metal (Steel)
Chassis Color	Black
Dimensions (WxHxD)	231.5mmx25mmx108mm (Case Only) 231.5mmx25mmx117mm (All Inclusive)
Weight	648g

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GEFEN

a **Nice** brand

CE   RoHS Compliant   UK CA

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