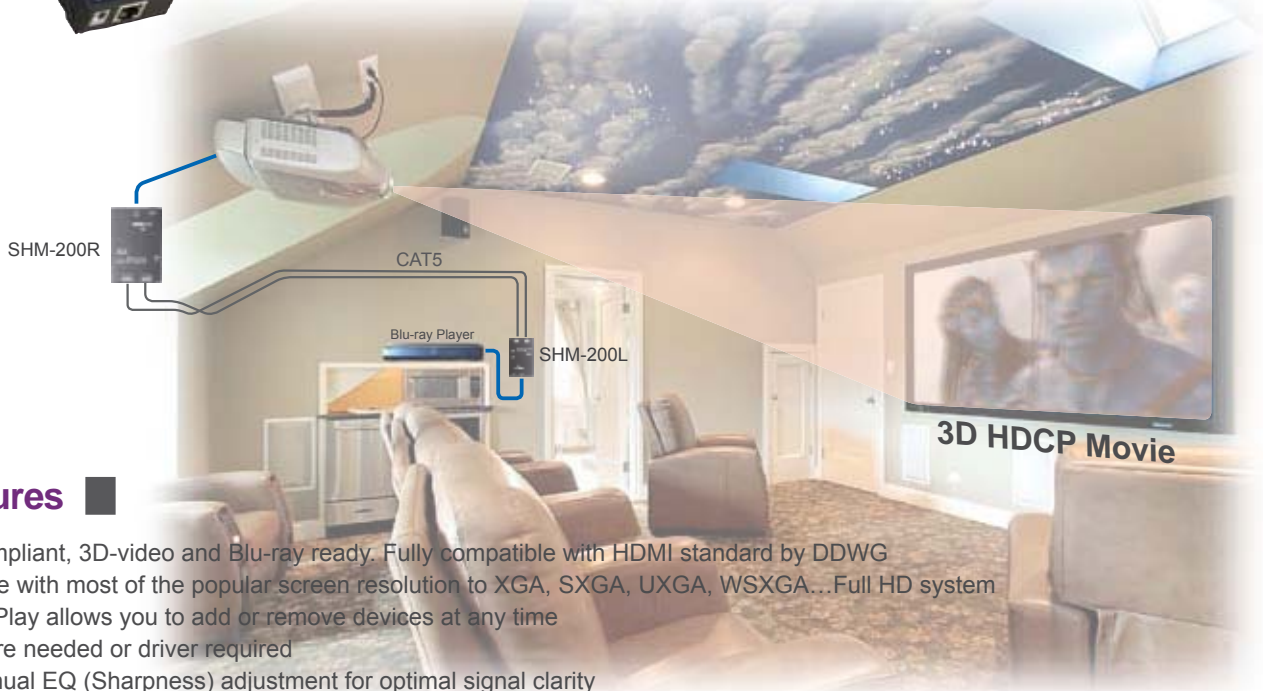## SHM Series

Short Haul Video Extender consists of a Transmitter (Local Unit) and a Receiver (Remote Unit) allowing users to extend video signal source to a single video display device with only a CAT5 / 5e / CAT6 cable. The display can be optimized up to the maximum resolution of Full HD.

Besides, the EDID Copy function on the Transmitter (Local Unit) enables the best video presentation, and the EQ adjustment feature on the Receiver (Remote Unit) allows manually and intuitively adjusting video quality according to the length of CAT5 cable.

There is no software or interface card to install. Simply connect the cables, power up the system and you are ready to extend HDMI image to a monitor with excellent clarity. It is economical and scalable design for personal or home office use.

SHM-200R

CAT5

Blu-ray Player

SHM-200L

3D HDCP Movie

■ Features ■

- HDCP compliant, 3D-video and Blu-ray ready. Fully compatible with HDMI standard by DDWG
- Compatible with most of the popular screen resolution to XGA, SXGA, UXGA, WSXGA…Full HD system
- Plug-and-Play allows you to add or remove devices at any time
- No software needed or driver required
- Auto / Manual EQ (Sharpness) adjustment for optimal signal clarity
- Versatile support one video port for remote display and one for local display (*)
- Support Phantom Power-- single power supply at either one end of two units (Local Unit & Remote Unit) (**)

Exclusive EDID Function

EDID Copy (DDC Ghost) Function

- Read and store (record) the EDID from the connecting display to the video extension system
- Tremendous system for different types of incoming EDID data reading
- EDID Auto-detecting when two CATx cables are connected
- Support unique Auto-Mixing / Local / Remote three-in-one EDID Copy function (*)
- Alternatively perform the default or the copied EDID when one CATx cable connected without HDCP compliant (**)
- Multi-modes for EDID handshaking, like EDID copy, EDID Auto-detecting and default EDID intruding, ensuring accurate output display (**)

Comparison Table

Model		Input		Output		EQ	EDID Copy	EDID Emulation	HDCP Compatible	Phantom Power	Max. Resolution Extension Distance
		HDMI	CAT5	HDMI	CAT5						
SHM-M250**	SHM-200L	1	N/A	N/A	2	N/A	Auto/Manual	N/A	Yes	Yes	
	SHM-250R	N/A	2	1	N/A	Auto	N/A	N/A			
SHM-M200	SHM-200L	1	N/A	N/A	2	N/A	Auto/Manual	N/A	Yes	Yes	
	SHM-200R	N/A	2	1	N/A	Manual	N/A	N/A			1080i @50M (CAT5e)
SHM-M152*	SHM-152L	1	N/A	1	1	N/A	Manual	N/A	Yes	N/A	1080p@30M (CAT5e)
	SHM-150R	N/A	1	1	N/A	Auto	N/A	N/A			
SHM-M150	SHM-150L	1	N/A	N/A	1	N/A	Manual	N/A	Yes	N/A	1080i @60M (CAT6)
	SHM-150R	N/A	1	1	N/A	Auto	N/A	N/A			1080p @40M (CAT6)
SHM-M120	SHM-120L	1	N/A	N/A	1	N/A	Manual	Yes	N/A	N/A	
	SHM-100R	N/A	1	1	N/A	Manual	N/A	N/A			
SHM-M100	SHM-100L	1	N/A	N/A	1	N/A	Manual	N/A	N/A	N/A	
	SHM-100R	N/A	1	1	N/A	Manual	N/A	N/A			