



LUXi
Electronics

HDMI Communicator™



Fix all HDMI communication problems



Why you need it:

- About 15% of all HDMI systems fail due to the communication (handshaking or copyright) collisions even when nothing wrong with each component
- This leads to the customers and installers' frustrations; the reputation damages and product returns to the manufacturers

How does it work:

The root cause of most HDMI problems in the field is the I²C communication protocol used in the DDC line which carries both HDCP and EDID. The I²C uses one wire for two way communications; so if one device does not detect another device already talking on the line, it would start talking at the same time and causes collision and lead to corrupted HDCP or EDID data. The Communicator has microchips inside to separate the communications between the source and display, and to use a new HDCP key while keeping the EDID data unchanged. This would resolve the communication collision automatically, enable the source to send out the optimized signal format to the display and enable the display to decode the copyrighted signal correctly.

Features and benefits:

- Installers can resolve virtually any HDMI system issues by always carrying Luxi HDMI Extenders and Communicators in their tool cases

Products name	Model number	Part number	Availability
HDMI Communicator	CHD-110	74-006-01	Now