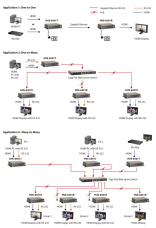
DATASHEET

HDMI over IP PoE receiver









General data

Necessary infrastructure for digital signage applications Transmits HDMI solutions with 1080p HDMI signals are transmitted via Cat.5/6/7 cables Broadcast HDMI to multiple HDMI destinations Supports point-to-point, point-to-many and many-to-many network configurations Integrated DIP switch for defining the group ID. Up to 16 transmitters and more than 200 receivers can be installed in one system. Multi-cast groups with Gigabit Ethernet switch (requirement: 802.1Q VLAN & IGMP

The LevelOne HVE-6501 series is a powerful HDMI over IP distribution system. It consists of a transmitter (HVE-6501T) and a receiver (HVE-6501R). Video and audio signals are transmitted via multicast at 1080p @ 60hz over Cat.5e/6//A. The HVE-6501 series is designed for flexible use from small installations to large advertising applications. Areas of application include home theaters, advertising centers, factories, schools and many others. Powerful applications Each HDMI over IP extender consists of a local unit that is connected to the HDMI source. Each remote unit is connected to an HDMI display. The local unit and the remote unit can be connected in a PoE network via point-to-point connection, VLAN isolation, etc. Central control via PoE, RS-232 and utility The HVE-6501 is powered via PoE; the on/off control of the series can be carried out by a PoE Web Smart Switch. Each device has a DIP switch. With which group IDs can be assigned. The IDs can also be assigned via the utility. Unique cable solution The HDMI signals are transmitted via Cat.5/6/7 cables. This technology is more cost-effective and flexible than using classic HDMI cables. Other HDMI products require 2 cables, while the LevelOne HVE-6501 solution requires one cable. This simplifies installation and reduces costs.

General

This datasheet was created automatically on 08-11-2026 . Technical changes reserved.

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DATASHEET

HDMI over IP PoE receiver

Color Grey

Others
Approvals and compliance CE/FCC
Operating humidity 10% RH ~ 85% RH
Operating temperature 0°C ~ 50°C
Storage humidity 5% RH ~ 95% RH

Scope of delivery
HVE-6501R

Physical Specifications
Dimensions (W x D x H) 114 x 140 x 28 mm
Product weight (kg) 0.8

System specifications
Resolution HDTV 1080p (1920x1080 @ 60Hz)

Technical properties	
Max. resolution	1080@60Hz
Suitable for 19 inch mounting	False
Video Inputs	HDMI
Video interface	RS232
Video norm	Colour PAL

Available variants

ArtNr.	Bezeichnung	Number of camera inputs	Number of monitor outputs
HVE-6501R	HDMI over IP PoE receiver	1	1

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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