

catline **HDMI**

IP-1000, a versatile HDMI Ethernet Extender

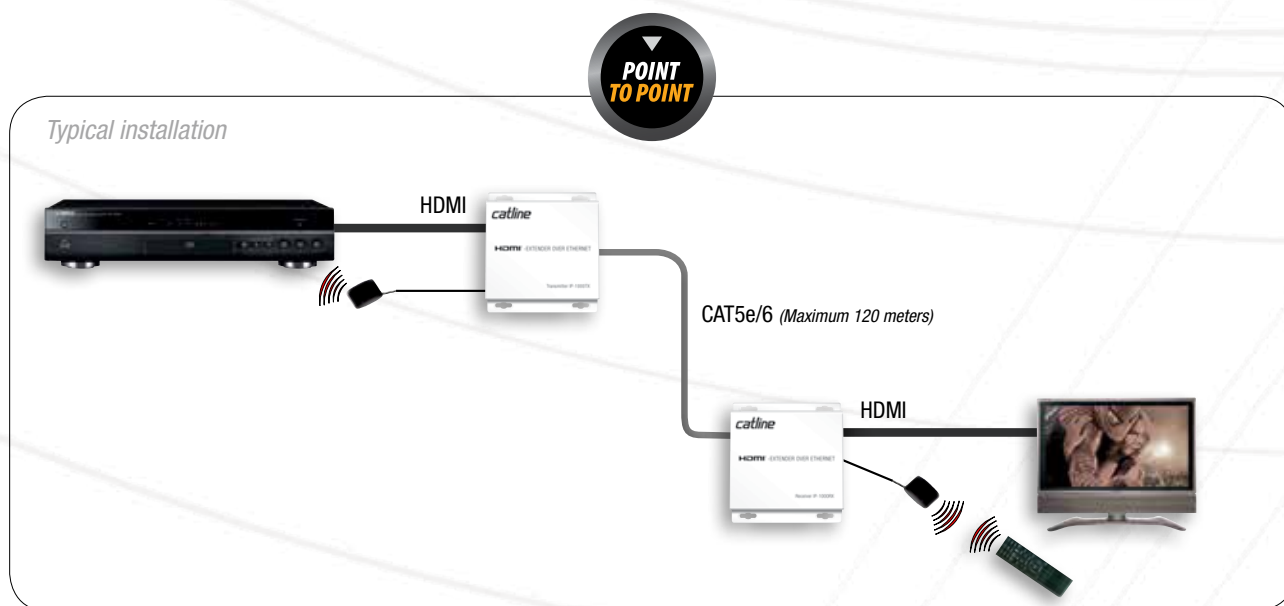


Main features

- Distributes HDMI signals to multiple TV monitors ■ Multicast
- Allows placement of an HDMI source remote from a TV location
- Can reverse IR signals and return them to the receiver via the CAT cable
- Transmits HDMI signals up to 120 metres via CAT cables ■ Plug and Play, no configuration required

Multipoint HDMI distribution

Increasing demands to transmit HDMI signals via standard CAT 5e/6 cables are met using the Catline IP-1000. The system also has a return channel to transmit 38 MHz remote control signals in reverse via the CAT cable.



Typical applications

- In a house where the HDMI source is located in the garage, a multimedia-centre or another part of the building.
- In an office or shop where the HDMI signal is distributed via a CAT cable.

Point-to-point or point to multipoint

Using the Catline IP-1000 it is possible to transmit the HDMI signal from the source to the required number of receivers (1 to 127 units). The signal is carried in a LAN network via standard CAT 5e/6 cables (UTP), by converting the HDMI signal to a TCP/IP stream. The system can manage transmission distances of up to 120 metres.

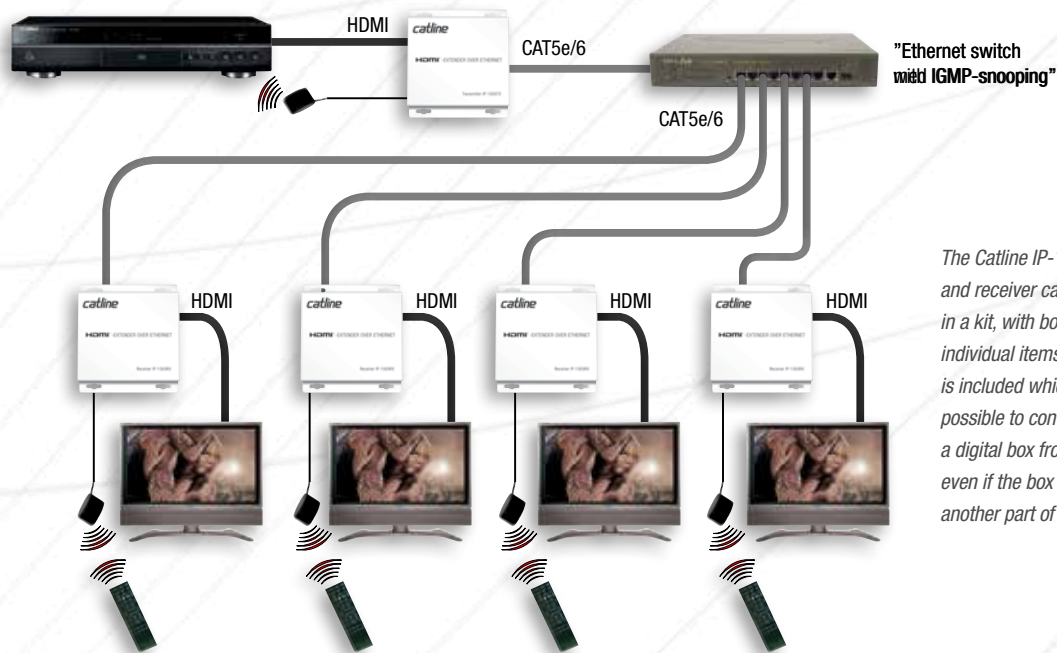
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on, in existing networks!

Users often want to transmit HDMI signals over long distances and preferably from one source to a number of receivers. The most commonly used cable type is CAT 5e/6. Using the Catline IP-1000, it is possible to send a signal from one video source to up to 127 receivers.



Typical installation



The Catline IP-1000 transmitter and receiver can be supplied in a kit, with both parts, or as individual items. An IR eye is included which makes it possible to control, for example, a digital box from a living room, even if the box is located in another part of the building.

Typical applications

- In a shop with a number of TV monitors connected to the same HDMI source
- In an office where the HDMI signal is sent via its LAN network to a number of different locations

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Catline – HDMI over CAT 5e/6 cables



TECHNICAL SPECIFICATIONS

Operating temperature range:	-5 to + 35 °C (+ 23 to + 95 °F)
Operating humidity range:	5 to 90 % RH (non-condensing)
Return path frequency:	38 MHz remote controls only
Input video signal:	0.5 to 1.0 V p-p
Input DDC signal:	5 V p-p (TTL)
Supported video formats:	DTV/HDTV: 480i/576i/480p/576p/720p/1080i/1080p
Video output:	HDMI, HDCP 1.2
Max cable length/transmission distance:	1080p 8-bit 120 m (max) via single CAT 5e/6 or 24 AWG solid
Power consumption:	TX: 3 W (max); RX: 3 W (max)
Dimensions (L x W x H):	103.5 x 93.5 x 24.6 mm
Net weight:	Transmitter/receiver 2 x 220 g

Contents

- HDMI transmitter and receiver ■ 2 x power supply units, DC 5 V 1A per unit ■ IR-RX cable/IR-TX cable

Products and accessories for the Catline IP-1000 system

PRODUCT RANGE

Complete Kit

Art.nr	E no	Description
380 00 22	60 000 60	HDMI Extender Kit, IP-1000, for CAT 5e/6

Separate items and accessories

380 00 23	60 000 61	HDMI Receiver, IP-1000RX, for CAT 5e/6
380 00 25	51 702 22	HDMI Transmitter, IP-1000TX, for CAT 5e/6
380 00 40	51 702 58	Front adapter IP-1000F, for 10" and 19" panels
380 00 03	51 777 74	19" Catline panel for rack installation
380 00 04	51 777 75	10" Catline panel for rack installation

EMS

Environmental Management Standard 14001

Macab have since many years worked with the implementation of an environmental management system. We received the certification 2008 and we are audited annually by an independent ISO 14001 registrar. The ISO 14001 EMS standard is a voluntary international standard for effectively manage the impact on the environment.



ISO 9001

Quality Management System

Since 2008, Macab is one of few companies in the antenna business, achieving the 9001 quality management standard. The certification proves that we are working diligently to establish quality and performance objectives. The overall aim is to achieve customer satisfaction through consistent products and services.



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