

# EasyConnect 2.0™

The revolution for your conference room  
**- Now as 4K Multiformat Transceiver**

## All signal types - one system

KOMTECH EasyConnect 2.0™ integrates all common signal types in one system and is integrated directly into the connector panel.

The System supports now:

- HDMI 2.0
- HDCP 2.0
- DisplayPort

The new version 2.0 is designed as a transceiver and provides an additional HDMI output.

The new EasyConnect 2.0™ offers, in addition to a **series connection for almost unlimited supply points, now also a mode of operation for the ring connection.** The distribution of the signals is via CAT cable (DaisyChain) to a arbitrary number of positions possible and guaranteed a lossless transmission up to 100m in Full HD.

## For this is only one (CAT) cable needed!

Next to VGA&Audio, HDMI and Displayport also LAN (100M Ethernet) and control signals can be transmitted.

Because of a **completely revised signal processing** an **endless number of systems are theoretical casca-dable.**



The control is taken place locally via ShowMe Button. Optional is also a control via RS232 or via Telnet-Protocol possible. At the signal output, video and audio are available via **HDMI 2.0** interface, which is **HDCP 2.2** compliant.

The integrated intelligent **EDID management** has also been completely revised and **provides now even more options**.

For the transmission of analog audio signals via VGA, an **improved AD converter** is used now, which supports even **more resolutions**.

In order to simplify installation and commissioning in the future, **EasyConnect 2.0 now has an integrated signal generator**.

### Endless opportunities!

In addition to classic extender operation, the system can be operated in **seven different operating modes**. That makes **EasyConnect 2.0** to the **most universal device of its kind on the market**.

Each connection panel has an **Ethernet interface** and can be connected to the home network via the receiver. All participants share 100 MBit / s (HUB structure).

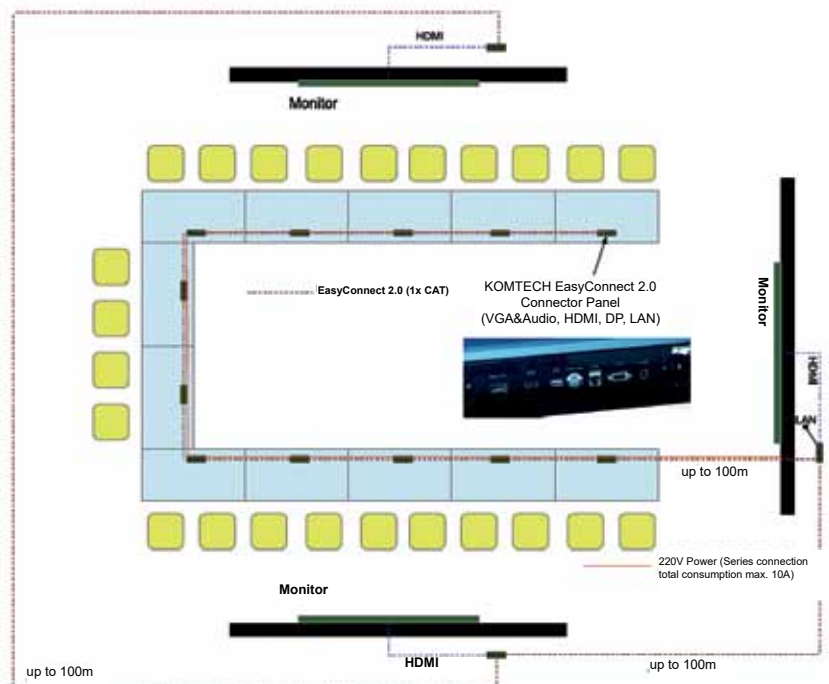
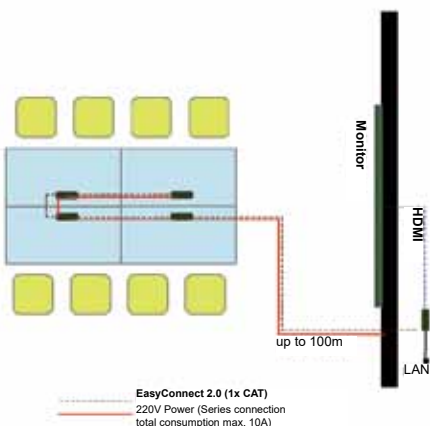
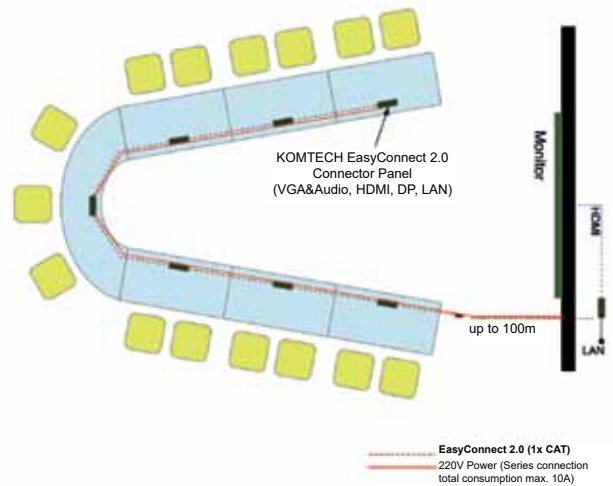
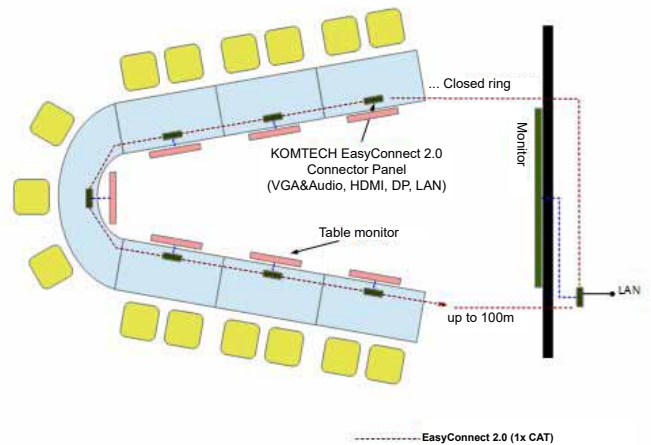
An **integrated audio-embedder** with which pure audio transmissions can be realized is also one of the innovations. In addition, an analog signal can optionally be added to any input.

Transmission is via the latest chipsets.

### Special cable portfolio!

We recommend using EasyConnect 2.0 exclusively with these cables!

### NEW: Ring circuit



## EasyConnect 2.0™ T-300

This version integrates the new transceiver solution into our AF-TA Hybrid T-300.

The connector panel is equipped with Show Me Buttons (one per input) for simple signal source selection, two 230V Schuko sockets, as well as two additional USB charging sockets.

### The interface has:

VGA & Audio, HDMI In, HDMI Out, DisplayPort, LAN and RS232.

The transceiver is in a separate metal housing.

### Dimensions:

Connector Panel Unit (WxH):	300mm x 200mm
Cut Out (WxH):	290mm x 190mm
Built-in depth:	108mm

### Special cable portfolio!

We recommend using EasyConnect 2.0 exclusively with these cables!





## EasyConnect 2.0™ DP DesignProfile

The mobile connector panels Design Profile have been specially developed for use in changing environments.

They can be mounted flexibly from one table to another with a special clamping fixture or with a velcro strap.

This version integrates the new transceiver solution into our AF-TA design profile.

The connection panel is equipped with ShowMe buttons (one per input) for simple signal source selection, two 230V Schuko sockets, as well as two additional USB charging sockets.

The transceiver is in a separate metal housing.

### The interface has:

VGA & Audio, HDMI In, HDMI Out, DisplayPort, LAN and RS232.

### Dimensions:

Connector Panel Unit (WxH): 240mm x 115mm  
Built-in depth: 176mm

### Special cable portfolio!

We recommend using EasyConnect 2.0 exclusively with these cables!



## EasyConnect 2.0™ UTA

The UTA, an Under-Table-Connector Panel of KOMTECH EasyConnect 2.0 series is for installation below the table top. This version integrates the new transceiver solution in our connector panel AF-TA UTA.

The connection panel is equipped with ShowMe buttons (one per input) for simple signal source selection and two 230V Schuko sockets.

### The interface has:

VGA & Audio, HDMI In, HDMI Out, DisplayPort, LAN and RS232.

With extension modules the system can be expanded as desired.

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## EasyConnect 2.0 Transceiver

- **Cascadable 4K Multiformat Transceiver**
- **Supports resolutions of up to 4K**
- **Supports HDCP 2.2**
- **Cable lengths up to 100 possible (CAT 6A cable)**
- **HDMI Input (HDMI 2.0 conform)**
- **Real DP Input**
- **VGA & Audio Input**
- **Local HDMI Output**
- **AutoSensing**
- **AutoSwitching**
- **PreView Function**
- **Audio-Mix Function (Embedder for analogous Audio)**
- **Comprehensive EDID-Management**
- **Integratec Video Signal Generator**
- **Integrated network connector**
- **Separate buttons for each input**
- **Status indication (LED) for each input including signal detection**
- **Integrated CEC Control / Transparent CEC Gateway**
- **Integratec IP to RS232 Gateway (bidirectional)**
- **BUS or ring topology possible**
- **With group function (for shared rooms)**

### Technical Data

Dimensions of shelf (W x H x D)	220mm x 24mm x 140mm
Ambient temperature	5 - 45°C
Weight	0,8 kg

### General

Power 12V/3A DC	1x RIA 2pol. Connector
Connector RS232	1x RIA 3pol. Connector, bidirectional
Connector LAN / Ethernet	1x RJ45
Connector EC Input	1x RJ45
Connector EC Output	1x RJ45

### Power Supply

External Power Supply	12 VDC / 3A
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### Delivery Accessories

4x RIA 3pol. Connector
Instruction manual

## EasyConnect and EasyConnect 2.0 in comparison

Feature	EasyConnect (old)	EasyConnect 2.0
Resolution max.	1080p60	4096x2160
HDMI Input	1.4	2.0
DisplayPort Input	DP++	DP
VGA&Audio Input	+	+
EC Input	+	+
EC Output	+	+
Ethernet Port	1	1
RS232 Port	+	+
HDCP	+	2.2
EDID Management	+	+
StatusLed each input	+	+
ShowMe	+	3x (explizit)
Local Switch each Input	o	+
Remote Switch each Input	o	+
Remote LED each Input	o	+
Analog Audio MixIn	o	+
Audio Only Function	o	+
PreView Function	o	+
Integrated Pattern Generator	o	+
Config via SW	+	+
Config via Telnet	o	+
Config via RS232	+	+
Bus-Topologie	+	+
Ring-Topologie	o	+
Group-Function	o	+
AutoSensing	o	+
AutoSwitching	o	+
Support CEC-Control	o	+
Support Transparent CEC	o	Option
IP to RS232 Gateway	o	+
USB-Chargingport	o	(+)