

CATALOGUE 2012



Smart Home Engineering





Expert

in Video Signal Management

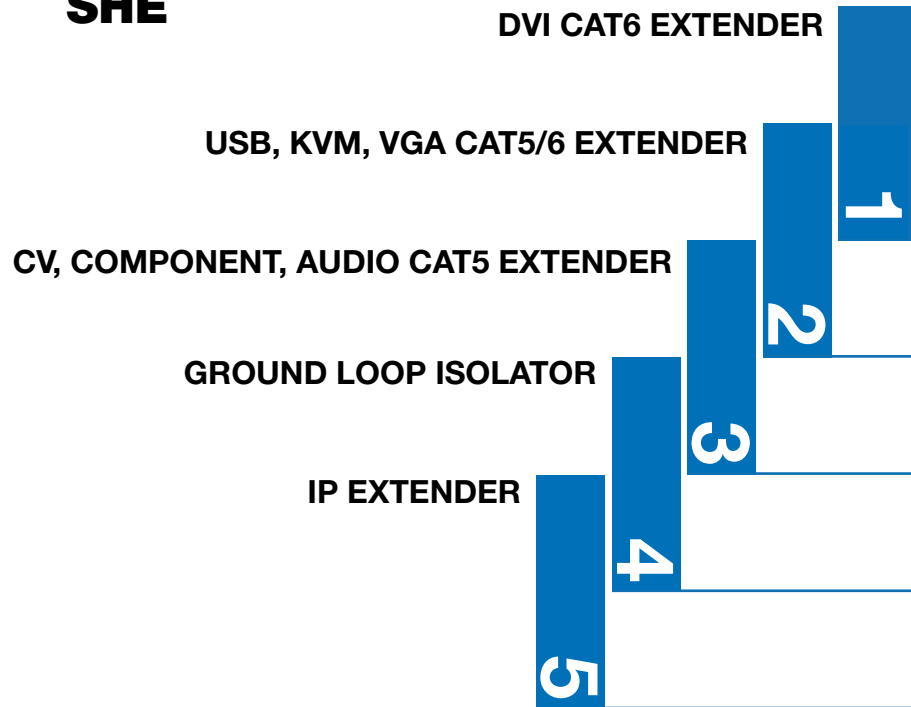


C. PRODUCT CATALOGUE 2012 SHE

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C. CATALOGUE 2012 SHE

CATEGORIES





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c. 1

DVI CAT6 EXTENDER



DVI



CAT6

DVI CAT6 EXTENDER

Applications:

DE01ERK carry up to 50 m a digital DVI-D signal through a CAT6 cable. Compactness, cheapness and reliability are its characteristics. It sinks the supply directly from the DVI connection, therefore it doesn't need of the external Power Supply. The signalling leds on the RJ45 connector permit a visible control of the operations of the transceiver. Transmitter and receiver are connected directly to the DVI source and the DVI destination saving space and increasing the connection reliability.

Features:

- Extender DVI-D signal through CAT6
- Include DE01E transmitter and DE01ER receiver
- DE01ER is active receiver for good performance.
- No external power required.
- Extend the transmission distance up to:
 - 50 m at XGA with AWG24 CAT6 cable
 - 40 m at UXGA with AWG24 CAT6 cable
 - 30 m at WUXGA (1920x1200 R.B.) with AWG24 CAT6 cable
- Signalling status leds
- HDCP not supported



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2

c. 2

**USB, KVM, VGA
CAT5/6 Extender**

KM03-2

KEYBOARD+MOUSE USB INTERFACE EXTENDER



Applications:

KM03-2 is an Extender for the keyboard and mouse of a PC. The transmitter is in remote position and keyboard and mouse must be connected to its two USB connectors. The small size receiver is connected straight to the PC through a USB cable. The 3 leds on the transmitter inform the user about the status of the operations

Features:

- Extends Keyboard and mouse via CAT5 cable with USB interface.
- Includes the remote (transmitter) and local (receiver) unit.
- External power required at remote side (Transmitter).
- Transmission range up to 300 m of AWG24 CAT5 cable.
- Built in LED indication on the transmitter.
- No external Power Supply required under 30 meters of CAT5 cable.
- Signalling status leds

2
USB, KVM, VGA CAT5/6 EXTENDER

UE02-2

USB 2.0 WITH 4 PORT HUB TRANSCEIVER



Applications:

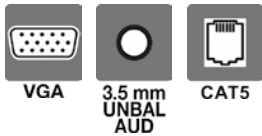
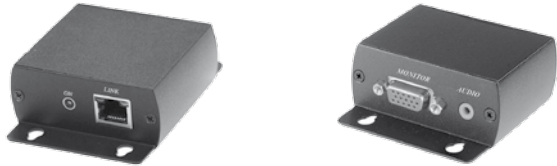
UE02-2 transceiver is an extender through CAT5 cable of a PC or Notebook USB port. It provides N°4 remote USB port at a distance up to 120 m. The transmitter is remote and must be powered with the external Power Supply provided. The receiver is local and must be connected to the PC through the USB cable provided. The 4 leds on both transmitter and receiver inform the user about the status of the operations

Features:

- Extend N°4 USB devices via CAT5/6 cable.
- Includes the remote (transmitter) and local (receiver) unit.
- External power required at remote side (Transmitter).
- Supports USB 2.0 high-speed and USB 1.1 devices.
- Transmission range up to 150 m of AWG24 CAT5 cable.
- Built in LED indication on the transmitter.
- Suited for extend USB 2.0 peripheral devices, such as keyboard, mouse, storage devices,etc

VE01HA-2

VGA + AUDIO TRANSCEIVER



Applications:

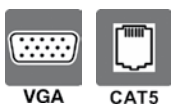
VE01HA-2 is a transceiver for VGA and audio stereo signal through CAT5 cable for distance up to 70 m. The 3 leds on both transmitter and receiver inform the user about the status of the operations

Features:

- Audio by digital encoding process for sound undistorted.
- Extend the transmission distance up to:
 - 70 m at SXGA with AWG24 CAT5 cable
 - 50 m at UXGA with AWG24 CAT5 cable
 - 40 m at WUXGA (1920x1200 R.B.) with AWG24 CAT5 cable
- Signalling status leds

VE02-2

VGA TRANSCEIVER



Applications:

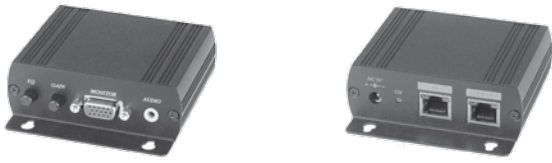
VE02-2 is a transceiver for VGA signal through CAT5 cable for distance up to 300 m. The receiver presents the trimmers for Gain and Equalizer to compensate the losses of the cable. The 3 leds on both transmitter and receiver inform the user about the status of the operations.

Features:

- The kit includes N°1 VE02T transmitter and N°1 VE01R receiver.
- VGA loop through on the transmitter
- Distance up to 300 m at UXGA with AWG24 CAT5 cable
- Built in Gain and Equalizer trimmers adj. at Receiver.
- Signalling status leds

VE02AL-2

VGA + AUDIO RECEIVER



Applications:

VE02AL-2 is a transceiver for VGA and analog audio signal through CAT5 cable for distance up to 300 m. The receiver presents the trimmers for Gain and Equalizer to compensate the losses of the cable. A CAT5 loop is offered as well to permit a chainable CAT5 connection to extend the working range over 300 m. The leds on both transmitter and receiver inform the user about the status of the operations.

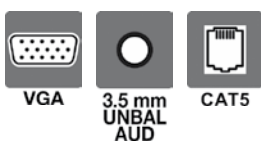
Features:

- The kit includes N°1 VE02ALT transmitter and N°1 VE02ALR receiver.
- VGA and Audio loop through on the transmitter
- Audio by digital encoding process for sound undistorted.
- Distance up to 300 m at UXGA with AWG24 CAT5 cable
- Built in Gain and Equalizer trimmers adj. at Receiver.
- Signalling status leds

2
USB, KVM, VGA CAT5/6 EXTENDER

VE02ALR-2

VGA + AUDIO RECEIVER



Applications:

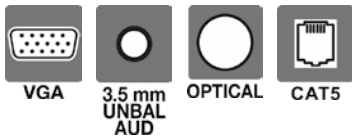
VE02ALR-2 is a receiver for VGA and audio signal through CAT5 cable for distance up to 300 m. The receiver presents the trimmers for Gain and Equalizer to compensate the losses of the cable. A CAT5 loop is offered to permit a chainable CAT5 connection to extend the working range over 300 m. The 5 leds inform the user about the status of the operations. Can be used with multiple transmitter VE05AL-2 and VE10DAL-2

Features:

- CAT5 Chainable function for another VE02ALR-2
- Work with VE05ALT and VE10DAL as receiver for extra remote VGA display equipment.
- Distance up to 300 m at UXGA with AWG24 CAT5 cable
- Built in Gain and Equalizer trimmers adj.
- Signalling status leds

VE02DA-2

VGA + AUDIO + OPT. TRANSCIVER



Applications:

VE02DA-2 is a transceiver for VGA and analog or optical audio signal through CAT5 cable for distance up to 300 m. The receiver presents the trimmers for Gain and Equalizer to compensate the losses of the cable. On the receiver are simultaneous available both audio analog and optical regardless of the enabled input format. The 3 leds on both transmitter and receiver inform the user about the status of the operations

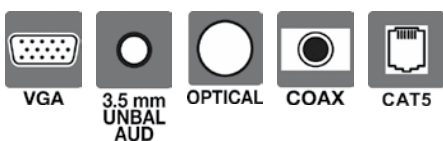
Features:

- The kit includes N°1 VE02DAT transmitter and N°1 VE02DAR receiver.
- VGA and Audio loop through on the transmitter
- Audio by digital encoding process for sound undistorted.
- Audio supports stereo audio, digital audio LPCM up to 96 khz, Dolby Digital and DTS
- Digital and analog audio simultaneously present on receiver unit
- Distance up to 300 m at UXGA with AWG24 CAT5 cable
- Built in Gain and Equalizer trimmers adj. at Receiver.
- Signalling status leds

2 USB, KVM, VGA CAT5/6 EXTENDER

VE02DALS-2

VGA + AUDIO + COAX + OPT. HIGH PERFORMANCE RECEIVER



Applications:

VE02DALS-2 is a receiver for VGA and analog, coax or optical audio signals through CAT5 cable for distance up to 300 m. It presents the trimmers for Gain and Equalizer to compensate the losses of the cable and a digital skew corrector in order to obtain a perfect alignment of the RGB colours. A CAT5 loop is offered to permit a chainable CAT5 connection to extend the working range over 300 m. The 5 leds inform the user about the status of the operations. Can be used with multiple transmitter VE05AL-2 and VE10DAL-2 and with other single transmitter

Features:

- CAT5 Chainable function for another VE02DALS-2
- Audio by digital encoding process for sound undistorted.
- Audio supports stereo audio, digital audio LPCM up to 96 khz, Dolby Digital and DTS
- Digital and analog audio simultaneously present on receiver unit
- Distance up to 300 m at UXGA with AWG24 CAT5 cable
- Built in Gain and Equalizer trimmers adj. at Receiver.
- Digital Skew RGB corrector
- Signalling status leds



VE05AL-2

VGA + AUDIO, 4 OUT, TRANSMITTER AND ONE RECEIVER

Applications:

VE05AL-2 is a transmitter for VGA and analog audio signals towards 4 destinations through CAT5 cable.

It presents the input loop for VGA and audio signals and a setting button for EDID configuration. The kit includes the receiver VE02ALR-2



Features:

- Four CAT5 outputs for VGA and audio signals
- The kit includes one VE05ALT transmitter and one VE02ALR receiver.
- Looping input VGA and audio signals
- Each VGA display equipment request one receiver at remote side. (Order separately).
- Compatible Receivers are VE02ALR or VE02DALS

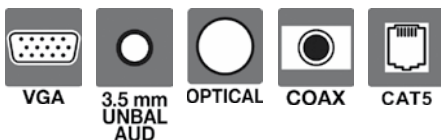
2
USB, KVM, VGA CAT5/6 EXTENDER

VE10DAL-2

VGA + AUDIO + COAX + OPT., 10 OUT, TRANSMITTER

Applications:

VE10DAL-2 is a transmitter for VGA and analog, coax and Optica audio signals towards 10 destinations through CAT5 cable. It presents the input loop for VGA and all audio signals. By a dip-switch is selected the incoming audio while by an other dip-switch the EDID is setted



Features:

- 1RU Rack Mounting Panel
- Ten CAT5 outputs for VGA and audio signals
- Audio by digital encoding process for sound undistorted.
- Looping input VGA and audio signals
- Each VGA display equipment request one receiver at remote side. (Order separately).
- Compatible Receivers are VE02ALR or VE02DALS



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c. 3

**CV, COMPONENT,
AUDIO CAT5 EXTENDER**

AE01D

AUDIO COAX PASSIVE TRANSCEIVER

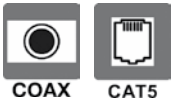
Applications:

AE01D is a passive transceiver for digital audio signal through CAT5 cable



Features:

- Gold-plated RCA for audio and screw terminal for CAT5.
- Passive, no power required.
- Support Dolby® Digital, dts®
- Sends digital audio signal up to 60 m with AWG24 cable twisted pair.
- Distance can be improved up to 180 m using a DA124+ as equalizer



COAX

CAT5

AE02

AUDIO (RCA OR 3.5 MM JACK) PASSIVE TRANSCEIVER

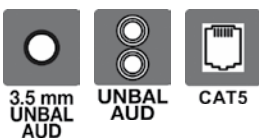
Applications:

AE02 is a passive transceiver for stereo audio signal through CAT5 cable



Features:

- Dual gold-plated RCA female + 3.5mm mini jack
- Choice of RCA or Jack by dip-switch.
- Passive operation, no power need.
- 20Hz to 20Khz(-3db)bandwidth.
- Sends stereo audio up to 300 m with AWG24 CAT5 cable
- High Performance to eliminate the audio ground loop problem.
- Distance can be improved up to 600 m using a DA224+ as equalizer



3.5 mm UNBAL AUD

UNBAL AUD

CAT5

CE01A

CV + AUDIO PASSIVE TRANSCEIVER

Applications:

CE01A is a passive transceiver for CV (composite) and stereo audio signal through CAT5 cable



Features:

- Passive, no power required.
- Sends CV and stereo audio up to 100 and 300 m of AWG24 CAT5 cable
- High Performance to eliminate the audio ground loop problem.
- Distance can be improved up to 300 m for CV signal using a DA124+ as equalizer



YE01D

YPbPr (YCbCr) + COAX PASSIVE TRANSCEIVER

Applications:

YE01D is a passive transceiver for component (YPbPr or YCbCr) and digital audio signal through CAT5 cable



Features:

- Passive, no power required.
- Sends YPbPr at 1080i and digital audio up to 50 m of AWG24 CAT5 cable
- High Performance to eliminate the audio ground loop problem.
- Distance can be improved up to 180 m for 1080i and digital audio using N°2 DA124+ as equalizers



CV, COMPONENT, AUDIO CAT5 EXTENDER



Smart Home Engineering

c. 4

GROUND LOOP ISOLATOR

Applications:

Audio Stereo ground loop isolator



Features:

- Stop the humm in your speakers.
- Totally preserves your audio signal.
- Breaks the electrical ground between audio components
- Compatible with all audio components



3.5 mm
UNBAL
AUD



Smart Home Engineering

c. 5

IP EXTENDER

Applications:

IP01 is a passive transceiver to send an IP Camera or Video Server signal towards a PC through a coax cable



Features:

- Send IP camera signal over existing coaxial cable.
- Passive, no power required.
- Exceeds 802.3 10BaseT NEXT specification, isolating the receiver from the transmitted signal.
- Transmission up to 180 m with RG59 or RG6 Coax cable



COAX
CABLE

IP

IP01H-2

ETHERNET SWITCH WITH 4 PORT 10BASET + 1 PORT 10/100



Applications:

IP01H-2 is an Ethernet Switch able to accept up to 4 IP camera signals through a coax cable and IP01 interface and send their signals towards a PC by its LAN port



Features:

- Ethernet Switch with 4Port 10Base-T+ 1Port 10/100Base
- 5 Port Ethernet Switch with 4 port BNC and 1 port RJ45.
- RJ45 terminal support 10/100Mbps auto detect function
- BNC terminal support 10Mbps, must work with IP01.
- Complies with standard IEEE802.3 and IEEE802.3u.
- MDI/MDI-X auto cross at RJ45 terminal.
- Transmission up to 180 m with RG59 or RG6 Coax cable
- Signalling LED: Link/Active and Power



COAX
CABLE

IP

IP02-2

IP ACTIVE EXTENDER BY COAX



Applications:

IP02-2 is a transceiver to send an IP Camera or Video Server signal towards a PC through coax cable at distance up to 1,6 km. Coax cable RG6 (AWG18) solid is recommended

Features:

- Active IP Extender over Coax
- Send and extend IP camera signal or any TCP/IP devices over existing coaxial cable towards a PC.
- Active type, including transmitter and receiver that need of external Power Supply.
- Long range transmission up to 1,6 km of RG6 coax cable



IP03-2

IP ACTIVE EXTENDER BY CAT5



Applications:

IP03-2 is a transceiver to send an IP Camera or Video Server signal towards a PC through a CAT5 cable at distance up to 1000 m

Features:

- Active IP Extender over AWG24 CAT5 cable
- Identical to IP02-2, but over CAT5 cable instead of coax cable.
- Long range transmission up to 1000 meters of AWG24 CAT5



elpro

Expert in
Video signal
Management





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