

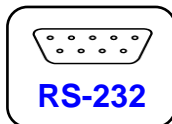
VGA Chainable Extender over CAT.5e/6

Model: VCE-100

VCE-100 is the latest high performance, cost-effective VGA Daisy-Chainable Extender over CAT.5e/6, extended up to 100m between. VCE-100 supports Full HD 1080p, 1920x1080, video and daisy-chainable with high flexibility of expansion as consecutive linking for each additional 100m as many as you want.

Features :

- Extends the VGA signal by Cat.5e/6 up to 100m
- Supports high resolution Full HD 1080p, 1920 x 1080@60Hz
- Cascaded-chainable remote receiver up to 10 layers
- Supports RS-232 (Serial).
- IR (Infrared remote) enabled.
- Supports Local VGA monitoring & Audio output ports.
- Each receiver (remote) links cascade-chainable 2 receivers.
- Bracket mountable.
- No software or driver required
- Hot plug & play supported



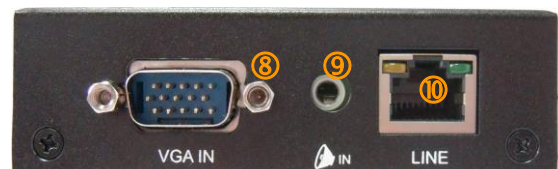
Detailed Pictures

Transmitter (TX)-Front



- ①: Connected to Power Adapter DC 5V/2A
- ②: Power LED (Solid Red when power present)
- ③: Link LED (Solid Green when link present)
- ④: IR Blaster /Emitter
- ⑤: RS-232 control port
- ⑥: Audio Out, connect to speaker
- ⑦: VGA Out, connected to local Monitor

Transmitter (TX)-Rear

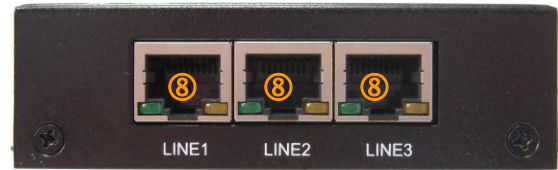


- ⑧: VGA in, Connect to VGA source
- ⑨: Audio in, connect to audio source
- ⑩: Cat.5e/6 cable connected for data out

Receiver (RX)-Front



Receiver (RX)-Rear



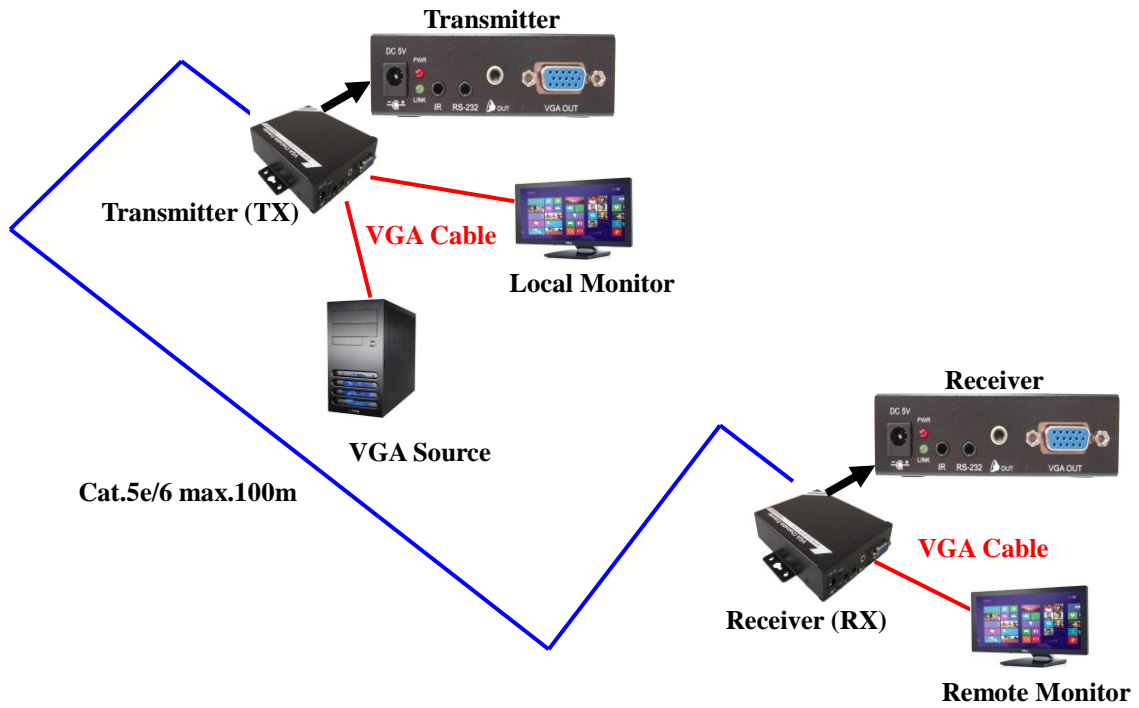
- ①: Connected to Power Adapter DC 5V/2A
- ②: Power LED (Solid Red when power present)
- ③: Link LED (Solid Green when link present)
- ④: IR Receiver
- ⑤: RS-232 control port
- ⑥: Audio Out, connect to speaker
- ⑦: VGA Out, connected to remote Monitor

- ⑧: CAT.5e/6 cable connected for data in or out for either one, or another 2 x Receivers connected for expanded chaining link.

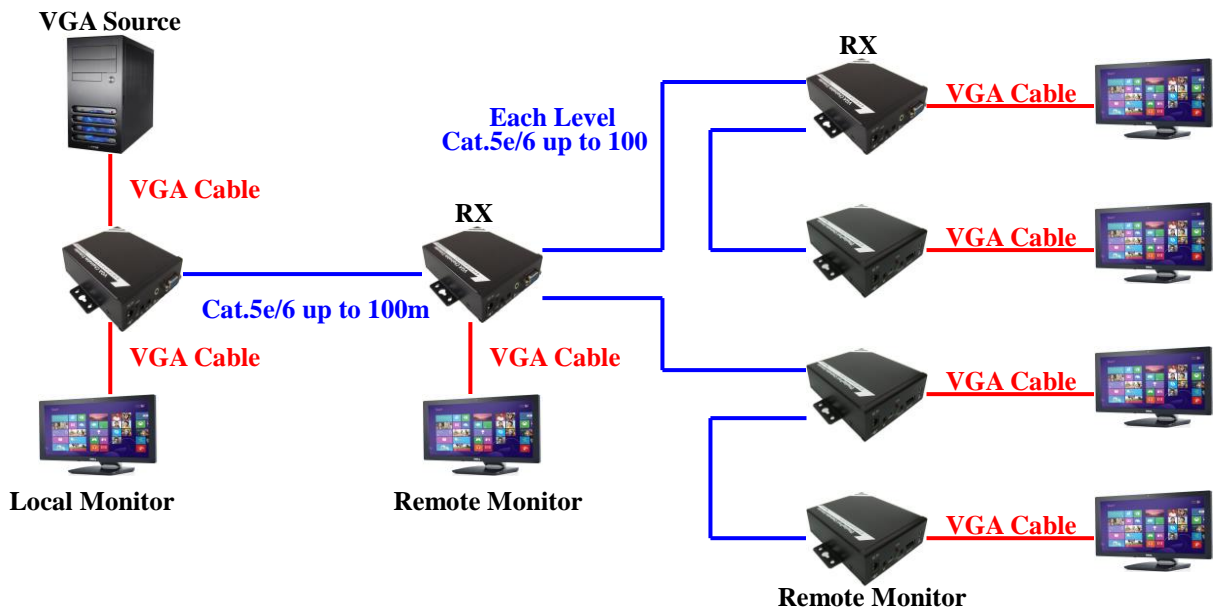
Specifications

		VCE-100-TX (Transmitter)	VCE-100-RX (Receiver)
Console Connectors	VGA Output	1 x HDB-15 (Female)	1 x HDB-15 (Female)
	RS-232 Control Port	Phone Jack	Phone Jack
PC Connectors	VGA Input	1 x HDB-15 (Male)	N/A
RJ-45		1 (Line Out)	3 (Line In or Line Out)
Cascaded-Chainable		N/A	up to 10 layers
Audio		Supports High Definition Audio (HD) , Surround Sound	
IR		Uni-directional (from RX to TX)	
RS-232		Bi-directional	
LED Indicators	Local	Power	Red LED
		Link	Red Green
	Remote	Power	Red LED
		Link	Red Green
DDC Supported		DDC, DDC2, DDC2B	
Extension Cable Type & Length		CAT.5e / CAT.6 Max. Length: 100m	
Max. Video Resolution		1920x1200@60Hz, Full HD 1080p, 48-bit	
Wide Screen Supported		Yes	
OS Compatibility		Windows, Mac, Linux, Sun microsystems	
Power Supply		External DC 5V / 2A Power Adapter	
Dimension (L x W x H)		115 x 91 x 28 mm	
Weight		350g	385g
Housing material		Metal	
Operating Temperature		32 - 122 ° F (0 - 50 ° C)	
Humidity		0% - 80% RH	

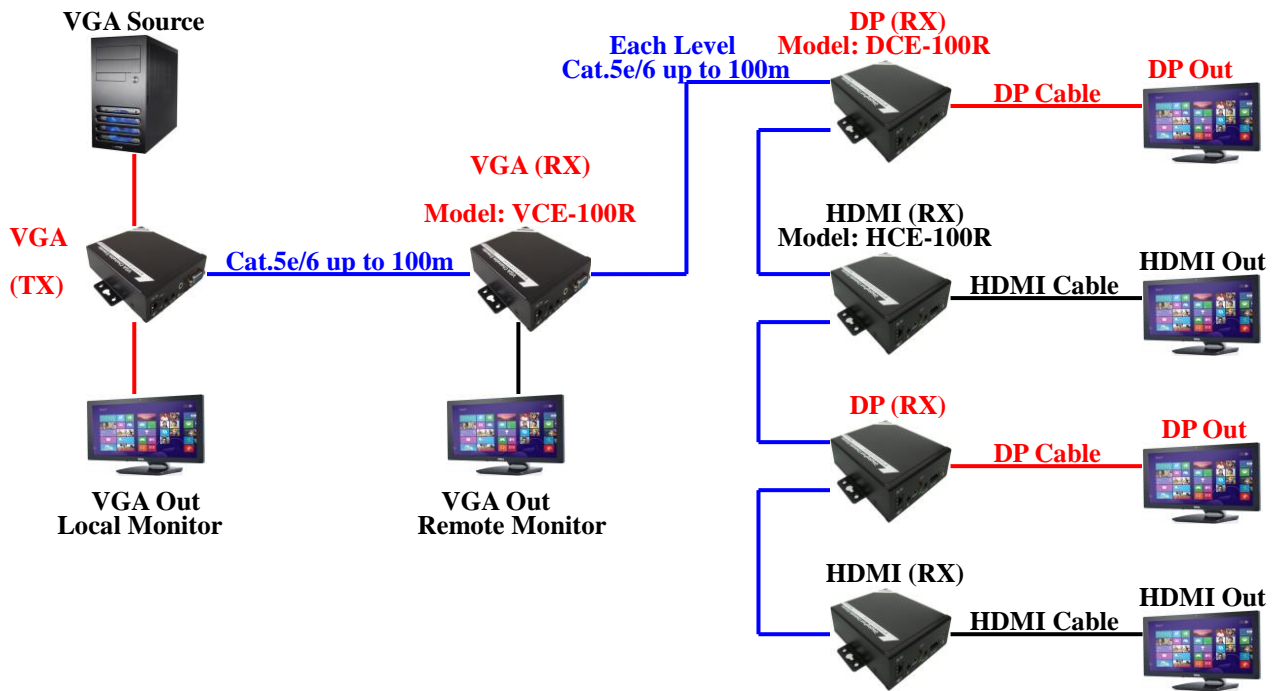
Application Diagram



Cascaded Chain Diagram

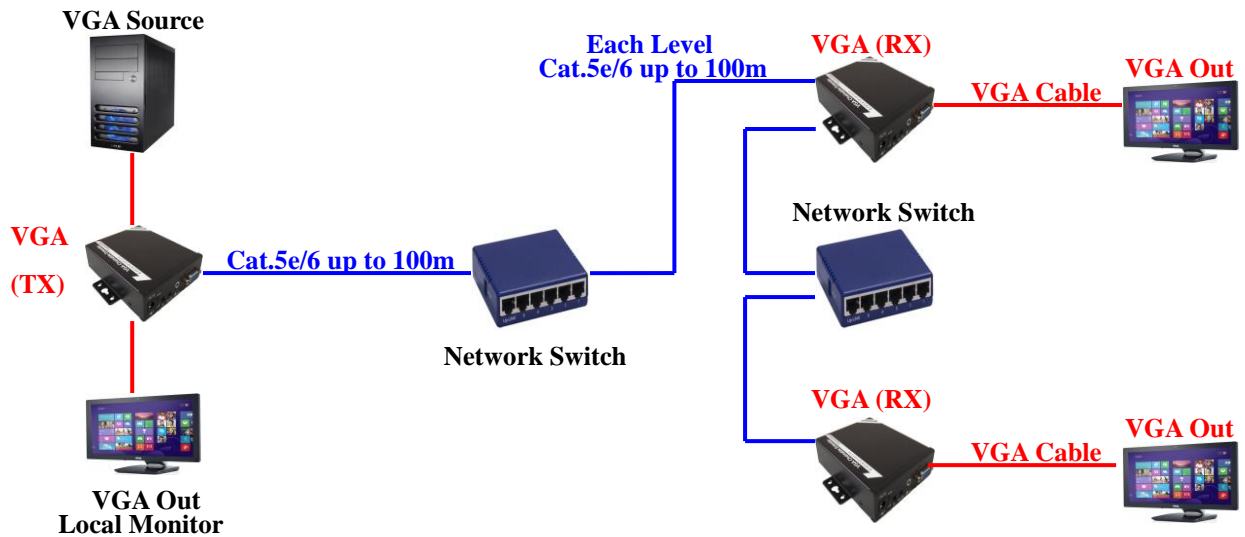


Cascaded and Compatible with HDMI or DisplayPort receiver



Hub Extending Function

The maximum distance between each tier could be up to 100 meters long, while this could be extended through Network Switch. User can add one Network Hub to extend another 100 meters.



The more Network Switches, the longer distance extended. The number of Network Switches is as many as user want.