



VGA Video Extender

Model: VBU100VK



The model OK-VBU100VK VGA Extender is the device in the VGA transmission system that allows transmission of VGA video signal via Unshielded Twisted Pair (UTP) cable. Used VBU100VK transmitter and VBU100VK receiver via Unshielded Twisted Pair (UTP) can extend VGA signal up to distance of 330ft / 100m. The video quality can be adjusted manually with the built-in brightness and contrast adjustors with a resolution of up to 1280x1024 @ 60Hz for 230ft / 70m.

Features:

- Transmission distance of up to 330ft / 100m
- VGA video signal transmission via UTP cable (CAT5/5e)
- Image quality can be adjusted with ADJ adjustor based on different distance
- High video resolution depends on the length and quality of UTP cable with standard 1024x768 and up to 1280x1024 @ 60Hz
- Exceptional interference rejection
- Built-in transient protection
- Multiplatform support: supports PC, Mac, Sun, and Linux systems
- Supports VGA, SVGA, XGA, SXGA and Multisync monitors
- OS Support: Windows 2000, Windows XP, Linux, Mac and Sun
- No Power Passive

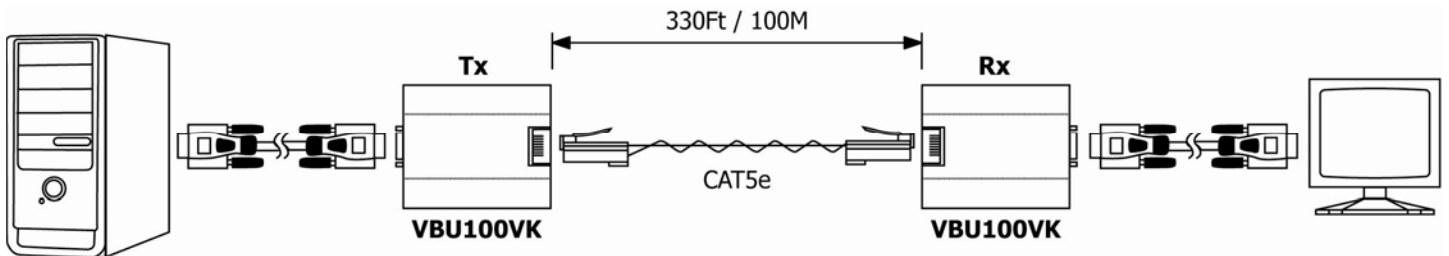


Transmitter



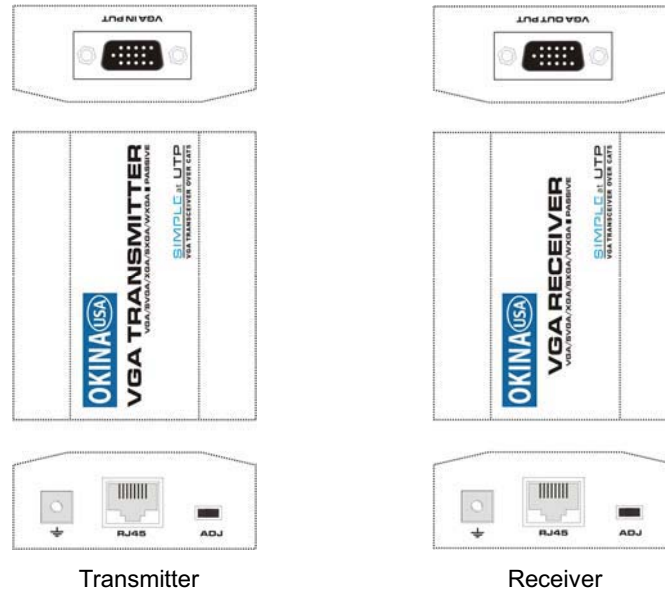
Receiver

Wiring Diagram:



VBU100VK	Max. Distance via CAT5 Cable	Hz
800x600 pixels	330ft / 100m	60Hz
1024x768 pixels	250ft / 75m	60Hz
1280x1024 pixels	230ft / 70m	60Hz

Panel View:



Specification:

Model		VBU100VK
Power Properties	No Power	No Power Passive
Transmitter	Signal input connector	VGA connector
	Signal output connector	RJ45 connector
	Signal Transmission Band	>350MHz(-3db)
	Linear Distortion	<3%
	Synchronous signal	0-5V,TTL PWL
	Synchronous signal band	1K-200KHz
Receiver	Signal input connector	RJ45 connector
	Signal output connector	VGA connector
	Signal Transmission Band	>350MHz(-3db)
	Linear Distortion	<3%
	Synchronous signal	0-5V,TTL PWL
	Synchronous signal band	1K-200KHz
Stability	MTBF	>20,000h
Physical Properties	Dimensions (L×W×H)	87mm×64mm×25mm
	Housing Material	Metal
	The Unit	Black
Weight	Net Weight	600g
Environment	Operating Temperature	0℃~70℃
	Relative Humidity (non-condensing)	10~85%
	Storage Temperature	-10℃~80℃
Accessories	VGA Cable	VGA Cable
Packing	Box Size (L×W×H)	205mm×153mm×70mm

FCC CE RoHS

R&D Designed in Taiwan

Components are Made in USA

LDO Power (ST Microelectronics); Video Signal Disposal (Maxim)

Assembled in China

Caution:

- All devices must be properly grounded.
- Do not connect this device to any power source.
- Do not handle the unit with wet hands.

- The unit is not waterproof and should not be used outdoors.