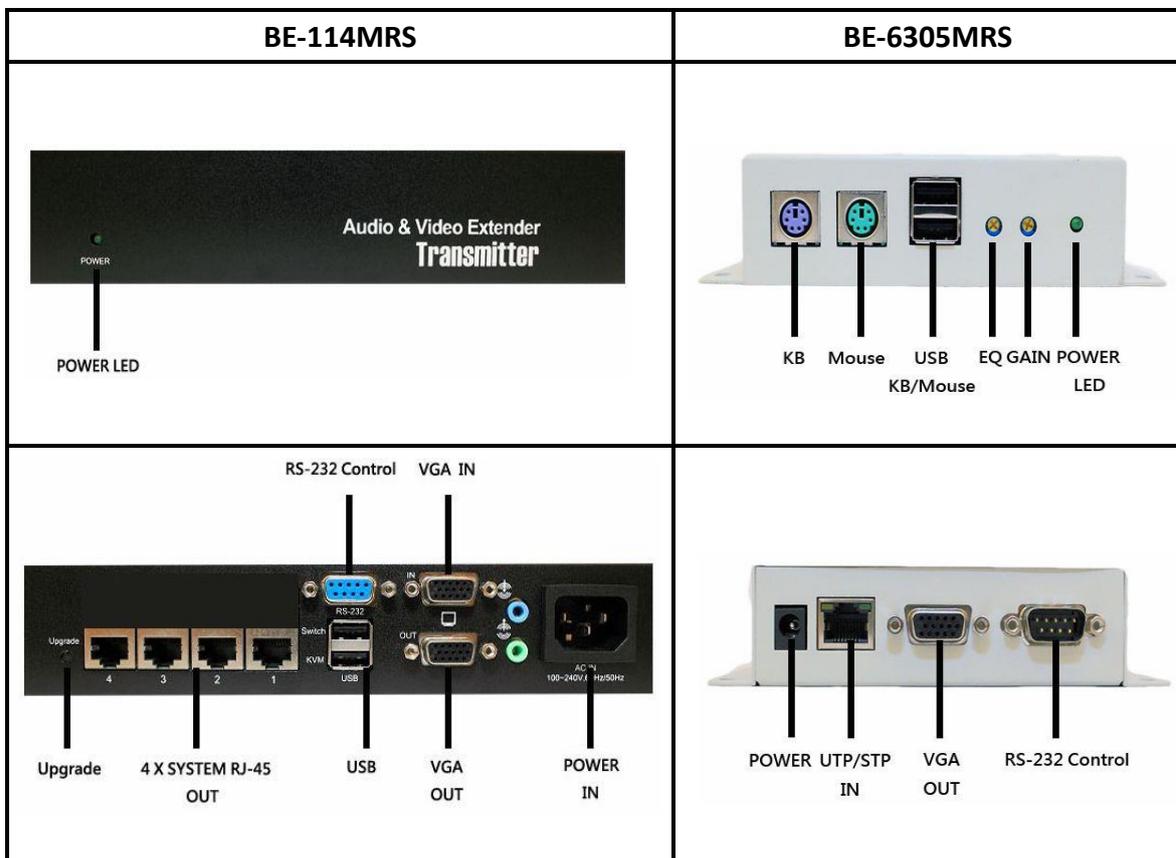# K305114MRS
Single PC Multiple access CAT5 KVM Extender

The K305114MRS is a CAT5 VGA KVM Extender for one PC with multiple accesses. It includes BE-114MRS (4-port VGA with RS232 CAT5 KVM Transmitter) and BE-6305MRS (VGA with RS232 CAT5 KVM Receiver). Using advanced CAT5e cable technology, one PC can be accessed from 4 (or 8) users. The receivers can be placed up to 150/300 meters away from the transmitter.
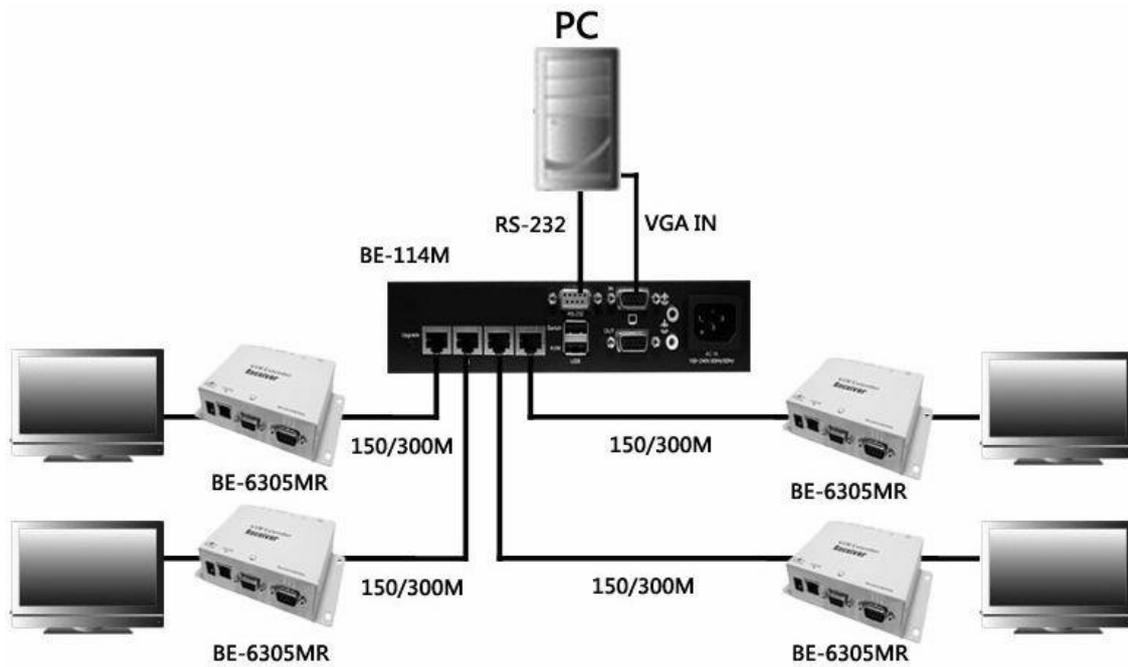
Features

❖ UTP maximum cable length: 150 or 300 meters depending on BE-6305MRS.

❖ UTP Cable type: CAT5e, EIA/TIA 568B.

❖ Console keyboard/mouse: USB and PS2.

❖ Video resolution: max. 1600 x 1200 @ 60Hz depends on cable quality.

❖ EDID: Learning from BE-114MRS's local monitor.

❖ RS-232: 9600, 8-n-1, non flow control.

❖ Multiple Console Access: Sharing mode and Exclusive mode.

❖ All BE-114MRS and BE-6305MRS are firmware upgradable.

❖ RJ45 pin assignments: straight through pin-to-pin, with pairing.

BE-114MRS	BE-6305MRS
Audio & Video Extender Transmitter — POWER — POWER LED	KB Mouse USB KB/Mouse EQ GAIN POWER LED
RS-232 Control VGA IN — Upgrade 4 X SYSTEM RJ-45 OUT USB VGA OUT POWER IN	POWER UTP/STP IN VGA OUT RS-232 Control

Specification

K305114MRS		
Model No.	BE-114MRS	BE-6305MRS-150/300
	Transmitter	Receiver
System Cable	CAT5e, Solid Wire 2x4x24 AWG, standard 568B RJ-45 connector	
Connectors — System Out	4 x RJ45 Female	X
System In	X	1 x RJ45 Female
Keyboard		1 x PS2 1 x USB Type A
Mouse		1 x PS2 1 x USB Type A
USB-to-PC	1 x USB Type A	
VGA In	1 x HDD15 Female	X
VGA Out	1 x HDD15 Female	1 x HDD15 Female
RS-232	1 x DB-9	1 x DB-9
Power In:	1 x AC, 60Hz/50Hz	1 x DC Jack
Power LED	1 (Green)	
Video Gain/EQ	X	2 x Mini Port
Video	1600 x 1200 @ 60Hz, DDC2B	
Maximum Distance	Depends on receiver, and CAT5 cable quality. 0~300M	
Dimensions	21.3L x 13.4W x 4.4H cm	14L x 9.3W x 3.2H cm
Weight	860g	380g

Diagram

Ordering Information

BE-6305MRS-150	150m CAT5 VGA with RS232 KVM Receiver
BE-6305MRS-300	300m CAT5 VGA with RS232 KVM Receiver
BE-114MRS	4-port CAT5 VGA with RS232 KVM Transmitter
BE-118MRS	8-port CAT5 VGA with RS232 KVM Transmitter