VideoEase PS/2 Keyboard Mouse Converter 500045, 500046, 500047

Overview

The VideoEase PS/2 Keyboard Mouse Converter allows a standard PS/2 keyboard and mouse to be connected to a PC up to 350 ft (106m) via Cat5 unshielded twisted pair cable in a point-topoint configuration. There are two (2) models; 500045 and 500046. Both models work in pairs or in conjunction with each other for maximum cabling flexibility.

The 500045 is designed to connect easily to a PS/2 keyboard and mouse. The 500046 is designed to connect easily to the PC. The 500047 is a blisterpacked kit that includes one (1) 500045 and one (1) 500046..

Applications

Classroom projector systems, digital signage, boardroom systems, collaborative PC systems, medical information systems.







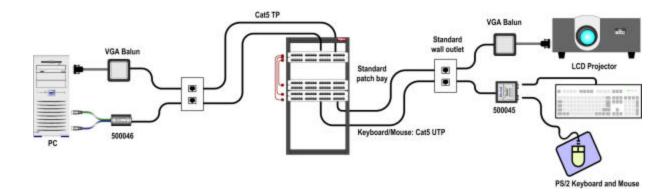
Key Features

Up to 350 ft (106m) via Cat5 UTP Color coded cable leads Compact design

Specifications		
Environment	PS/2 Keyboard and Mouse	
Devices	PC, laptops, servers, keyboards and mice supporting PS/2. A USB keyboard/mouse may be connected to a PS/2 port via a USB-to-PS/2 adapter.	
Transmission	Transparent to the user.	
Bandwidth	DC to 1 MHz	
Signals	Mouse data, mouse clock, keyboard data, keyboard clock, Vcc, ground.	
Connectors	500045: Dual 6-pin mini DIN female for keyboard/mouse side	
	500046: Dual 6-pin mini DIN male with 6" lead for PC side	
	RJ45 for unshielded twisted pair	
Color code	Mouse: <u>Green</u> Keyboard: <u>Purple</u>	
Max. Distance via Cat 5	350 ft (106m).	
Twisted Pair		r
RJ45 Pin Configuration	<u>Mouse</u>	<u>Keyboard</u>
Reverse Polarity Sensitive	Pin 1 (R) Pin 2 (T)	Pin 4 (R) Pin 5 (T)
Use EIA/TIA 568 A or B, straight-	Pin 3 (R) Pin 6 (T)	Pin 7 (R) Pin 8 (T)
through wiring		
Cable	Category 5 or better twisted pair cable.	
Temperature	Operating: 0° to 55° C. Storage:-20° to 85° C. Humidity: up to 95% non- condensing.	
Enclosure	ABS fire retardant plastic	
Dimensions	500045: 2.4" x 2.25" x 1.0" (6.1 x 5.5 x 2.5 cm)	
	500046: 1.875" (4.8 cm) x 1.0" (2.54 cm) diameter plus 6" (15.2 cm) PS/2 cable	
	lead	
	500047: 9.625" x 7" (24.4 x 17.8 cm)	
Weight	1.6 oz (45 gms)	
Mounting	500046: Velcro pad.	
Compliance	Regulatory: FCC, CE (pending)	
	Flammability: 94V0	
Warranty	Lifetime	
Order Information 500045 PS/2 Converter – PS/2-Receptacle, Ko		
	500046 PS/2 Converter – PS/2-Plug, PC/Server Side	
500047 PS/2 Converter Kit (Includes one (1) 500045 and one (1) 500046))		500045 and one (1) 500046))

MuxLab

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BAEKDOO INTERSYSTEMS CO., LTD. TEL 02-579-9126 FAX 02-579-9129 http://www.baek-doo.com