# 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.







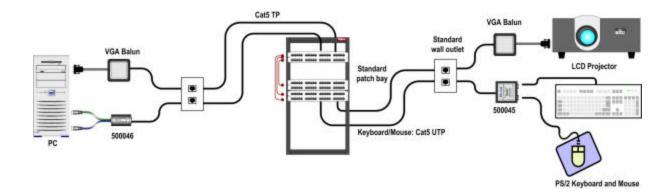
#### Key Features

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.<br>A USB keyboard/mouse may be connected to a PS/2 port via a USB-to-PS/2<br>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-<br>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

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





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