

**RoHS
Compliant**



Description

The VGA, Keyboard Mouse CAT5 Extender allows VGA video signals and keyboard mouse to be transmitted up to 100 meters via 2 x CAT5 STP or UTP cable. Used in pairs, the Extender is used in home or commercial applications as a smart, fast and cost-effective, eliminates costly and bulky VGA, keyboard mouse cable. Applications for classroom projector systems, boardroom systems, collaborative PC systems C-training systems, and trade shows PC demo systems and medical information systems.

Features

- Extend VGA and Keyboard mouse over 2 CAT5 UTP cable to instead of VGA cable and keyboard mouse cable.
- Including local and remote units.
- Up to 100 meters via standard 4 pairs CAT5 STP or UTP cable instead of VGA cable.
- Transmitter built in virtual DDC to avoid improperly setting at resolution and frequency.
- Transmitter built in sync mode selection for signal stability.
- Receiver built in sync filter level adjustment for signal stability.
- Supports up to 1280×1024 pixels.
- Passive device, not support VGA DDC protocol.
- Perfect for classrooms, lecture halls, trade shows, video information displays etc.

Specifications

Input Signals	Video : 1.1Vp-p
	Horizon and Vertical Sync: TTL standard. 300kHz max. bandwidth
Insertion Loss	Less than 3dB per pair over the frequency range
Video Signal Return Loss	-15dB max from DC to 60MHz
Impedance	75Ω (DB15), 100Ω (RJ45)
Transmission Distance	Up to 100 meters depend on image resolution
Link Connection	RJ45 × 2
Link Cable	CAT5 / CAT5e / CAT6 / STP or UTP Cable
Temperature	Operation: 0°C to +55°C, Storage: -20°C to +85°C, Humidity: up to 95%
Dimensions	108mm × 72.2mm × 27mm

Part Number Table

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VGA Keyboard Mouse CAT5 Extender	PSG08216

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