

# VGA+MOUSE KEYBOARD BALUN

- Max. Distance upto 300ft  
VGA + Mouse + Keyboard Balun
- CAT5 / CAT5E / CAT6 / STP or UTP
- No POWER Required (Passive Balun)

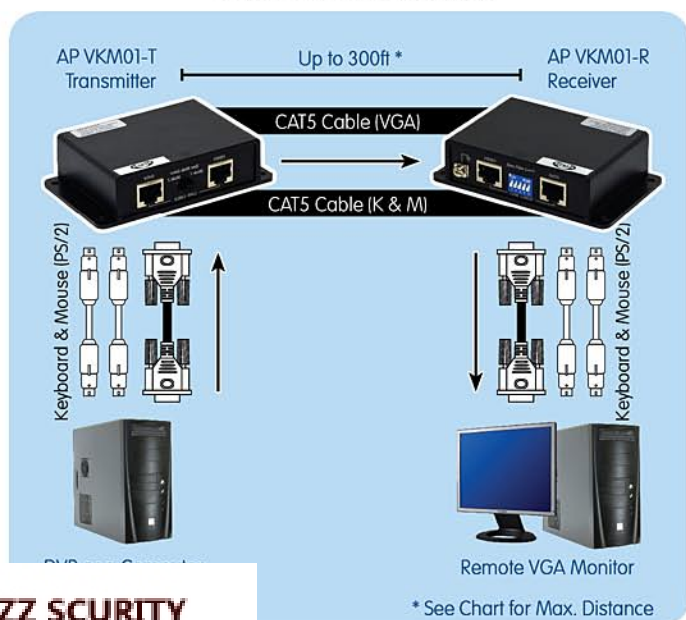


- Extend VGA and Keyboard mouse over 2 CAT5 UTP cable to instead of VGA cable and keyboard mouse cable.
- Including local and remote units.
- Up to 100 meters via standard 4 pairs CAT5 STP or UTP cable instead of VGA cable.
- Transmitter built in virtual DDC to avoid improperly setting at resolution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

**AP VKM01** VGA + Mouse + Keyboard Balun upto 300ft over CAT5 / CAT5e / CAT6 / STP or UTP Cable

The VGA, Keyboard Mouse CAT5 Extender allows VGA signal and keyboard mouse to be transmitted up to 100 meters (300ft) 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 and mouse cable. Applications for classroom project systems, boardroom systems, collaborative PC systems C-training systems, and trade shows PC demo systems and medical information systems.

## CONNECTION DIAGRAM



Max. Distance via CAT5 Cable	
640 x 480 Pixel (15Mhz)	300ft
800 x 600 Pixel (30Mhz)	225ft
1024 x 768 Pixel (60Mhz)	180ft
1280 x 1024 Pixel (100Mhz)	100ft

AP VKM01	
Environment	VGA, VESA VP&D 1.0, VP ver 2.0
Devices	VGA monitors, LCD projection screen, Laptops, PCs
Input Signal	Video : 1.1Vp-p Horiz & Vert Sync : TTL standard, 300kHz max. bandwidth
Insertion Loss	Less than 3 dB per pair over the frequency range
Video Signal Return Loss	-15dB max from DC to 60Mhz
RJ45 Pin Configuration	R Video (Red) : Pin 1 (+), Pin 2 (-) Balanced G Video (Green) : Pin 4 (+), Pin 5 (-) Balanced B Video (Blue) : Pin 7 (+), Pin 8 (-) Balanced Horizontal Sync : Pin 3, Vertical Sync : Pin 6
Impedance	Input : RGB 75Ω (DB15HD) Unbalanced Output : RGB 100 Ω (RJ45 shielded) Balanced Horizontal and vertical sync : TTL Standard
Setting Switch	2 Stage Slide Switch - VKMPT 5 stage Dip Switch - VKMPR
Transmission Distance	Up to 100 meters depend on image resolution
Cable for RJ-45	CAT5 UTP or STP Cable
Temperature	Operation : 0 to 55°C, Storage:-20 ~ 85°C, Humidity : up to 95%
Dimensions	108(W)mm x 74(H)mm x 27(D)mm

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