



The Intelix PS2 balun extends a computer's PS/2 keyboard and mouse up to 350 feet over structured cabling, such as Cat 5. Typical applications include classroom and educational facilities, corporate and boardroom audio-visual systems, digital signage, collaborative PC systems, and bio-medical information systems.

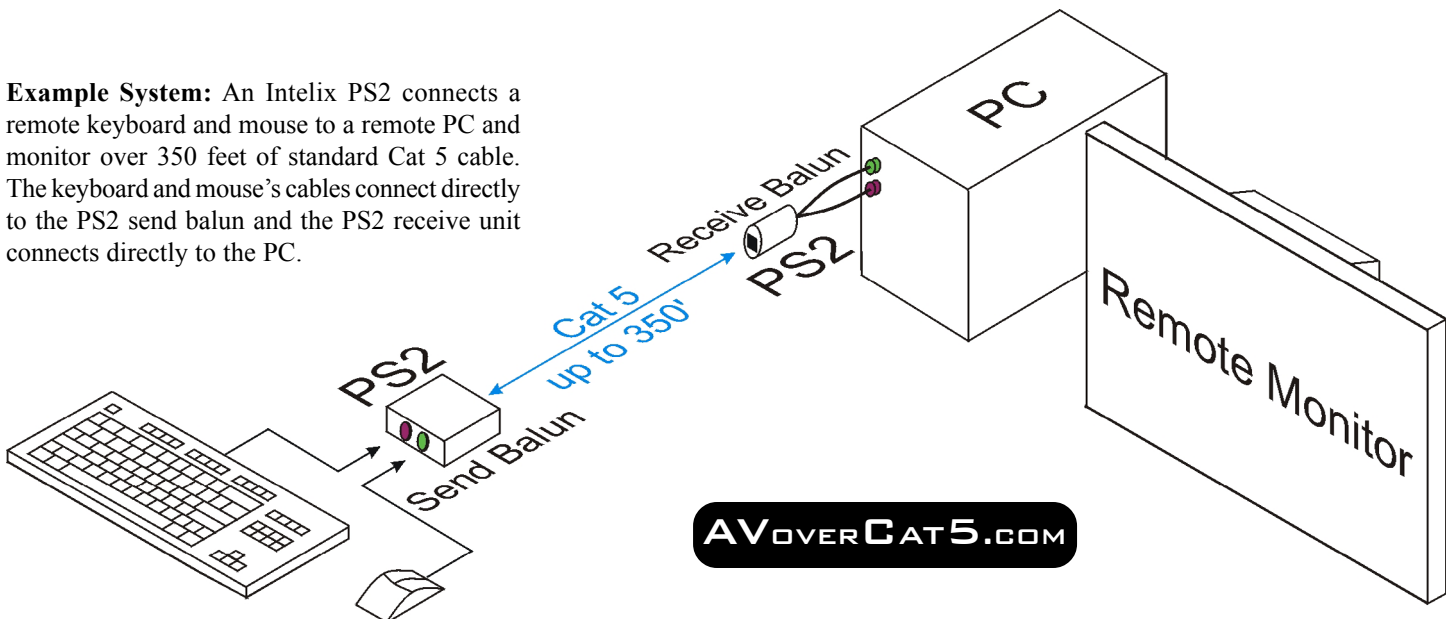
The Intelix PS2 contains both a send and receive balun. Both models are completely passive and do not require a power supply.

Technical Specifications

Maximum Distance*	350 feet	RJ45 Pinout	<i>Keyboard:</i> 7 & 8, pair 4 4 & 5, pair 1
Bandwidth	DC to 1 MHz		<i>Mouse:</i> 1 & 2, pair 2 3 & 6, pair 3
Power	No power required	Temperature	Operating: 32 to 131 F (0 to 55 C) Storage: -4 to 185 F (-20 to 85 C) Humidity: up to 95%
Signals Transmitted	Mouse data, mouse clock, keyboard data, keyboard clock, VCC, ground	Dimensions	<i>Send balun:</i> 2.4" x 2.3" x 1.0" <i>Receive balun:</i> 2.0" x 1.0" x 1.0" with two 7.5" lead cables
Unshielded Twisted Pair Cabling Specifications (24 gauge or lower solid copper)	Maximum capacitance: 20 pf/foot Impedance: 100 ohms @ 1 MHz Attenuation: 6.6 dB/1000 ft. @ 1 MHz <i>Cat 5, Cat 5e, Cat 6, Cat 7 compatible</i>	Weight	1.6 oz. (45 grams)
Connectors	<i>Send balun:</i> Two (2) female 6-pin mini DIN to one (1) RJ45 <i>Receive balun:</i> Two (2) male 6-pin mini DIN to one (1) RJ45	Ordering Information	PS2, includes both send and receive baluns
Color Code	<i>Purple:</i> keyboard <i>Green:</i> mouse	Regulatory	FCC, CE (pending)
Enclosure	ABS fire retardant black plastic	Warranty	Two years

*Distances and picture quality may be affected by cable grade, cable quality, source and destination equipment, RF and electrical interference, and cable patches. Intelix specifications are based on straight-through cabling with standard-grade Cat 5.

Example System: An Intelix PS2 connects a remote keyboard and mouse to a remote PC and monitor over 350 feet of standard Cat 5 cable. The keyboard and mouse's cables connect directly to the PS2 send balun and the PS2 receive unit connects directly to the PC.



AVOVERCAT5.COM