

Video Balun Kit for 16 Camera 500mA Power

Setting up 16 security cameras in a big space can be a headache. With running all 16 video lines and equivalent power lines, you can end up with a tangled ball of mess which is extremely hard to keep track of. This kind of set up is perfect for any set up to 1000ft. In this kit, you get 16 video baluns that combine both the video and power into one simple CAT5e solution. This is great for parking structures and wide areas at a great price due to cutting out expensive and heavy coaxial and power cables. It is also a great way to keep track of which cable belongs to which camera and in case of future maintenance, you would only be switching out a single CAT5e. All the CAT5e cables meet in the server room which is plugged into an included rack mount video balun which converts the signals back out to a BNC for you to connect to your output source, which in most common cases, a Stand-Alone DVR, a Linux-Based DVR, or a monitor. The power is sent from your server room to each camera at 12V 500mA. This kit includes two rack mountable power supplies to power up all 16 cameras making the setup clutter free and organized. Don't be fooled by other company's video baluns, 12V signals drop at about 300 ft. So if you run the cables too far, your cameras will not have enough power to operate. If you supply too much power such as an 18V, without a converter, you will burn your camera causing the project to priceyer that it needs to be. We stand behind our video baluns completely, we manufacture our own video baluns and be reassured that we use only high quality materials ensuring our customers a satisfied, easy and safe setup. PI Manufacture carries several other video balun setups, in which some includes converters for longer distance setups. We are confident that we have the perfect solution for your project whether it is for 4 cameras or 164.

Features

- Video balun kit for 16 cameras 12V 500mA power
- Power supply 18V 8 Amp
- Power input to rack mount is 18V 8 Amp
- Rack mount will supply 18V power and Camera side video balun will convert power to 12V 500mA before supplying to camera
- This video balun kit is good for short distances up to 1000 feet

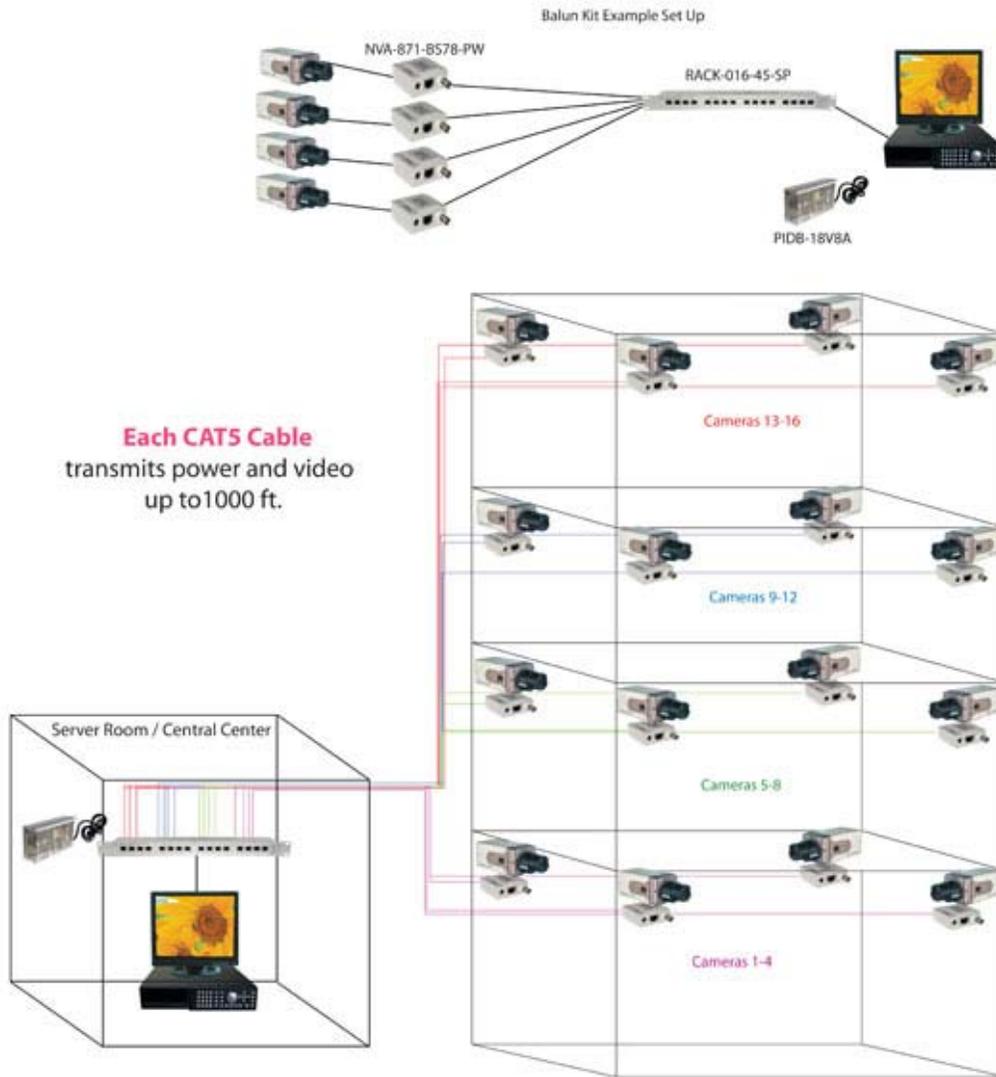
What's included:

- 16 x NVA-871-78-PW
- 1 x RACK-016-45-SP
- 1 x PIDB-18V8A

What's NOT included:

BNC cables are not included.

Diagram Example Setup



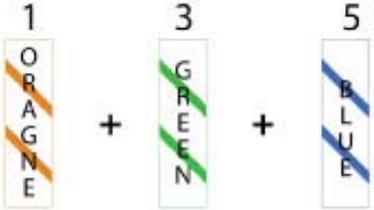
Video Signal Distance

Video Balun	Distance	Video Balun
PASSIVE	1000 feet	PASSIVE
PASSIVE	4000 feet	ACTIVE
ACTIVE	4000 feet	PASSIVE
ACTIVE	6000 feet	ACTIVE

Power Transmission Distance

Power Adapter @250 mA	CAT5E Cable			Power Cable	
	UTP 1 Pair	UTP 2 Pair	UTP 3 Pair	22AWG	18AWG
18VDC	100 ft	300 ft	650 ft	1000ft	1500ft
24V AC	300 ft	600 ft	1000 ft	1300ft	1800ft
48V AC/DC	600 ft	1000 ft	1500 ft	2000ft	2500ft

EIA / TIA -568B

POWER + 	VIDEO + 
POWER - 	VIDEO - 