

CatLinc™ VGA and VGA-L CAT5 Signal Distribution System

Transmitter/Receiver pair sends VGA/RGBHV signal over CAT5/6

CatLinc VGA-L



CatLinc VGA-L
Transmitter includes a loopback
VGA for a local monitor. (note:
local loop must be terminated)



Also Available from SP Controls



CatLinc VID
Composite Video/Stereo Audio
over CAT5

CatLinc SVID
S-Video over CAT5

CatLinc HD
Component Video over CAT5

CatLinc DA8
Splits any CatLinc signal to as
many as 8 receivers

CatLinc RS232
RS-232 to CAT5

FEATURES

The CatLinc VGA and VGA-L allows VGA (or RGBHV) connection between two devices using CAT5, CAT5e, or CAT6 twisted pair cable. Connection is made to devices using standard male HD-15 connectors. CatLinc VGA/VGL-L extends VGA signals up to 91m/300ft. At typical distances this product will provide excellent image quality for all resolutions. It can be used for longer runs, but the image quality may be reduced (see chart to right). SP Controls recommends the use of shielded CAT5 cable with the CatLinc system.

A single screwdriver adjustment at the Receiver allows fine-tuning for best picture detail. Includes transmitter, receiver, and

power supply. The CatLinc VGA-L Transmitter provides a local loop-back female VGA cable to split the signal to a local display in addition to the CAT5 connection to the Receiver.

DISTANCE/RESOLUTION CHART

	50 ft.	100 ft.	150 ft.	200 ft.	250 ft.	300 ft.
640x480 @ 60 Hz	excellent	excellent	excellent	excellent	excellent	excellent
800x600 @ 60 Hz	excellent	excellent	excellent	excellent	excellent	fair
1024x768 @ 60 Hz	excellent	excellent	excellent	excellent	fair	fair
1280x1024 @ 60 Hz	excellent	excellent	excellent	fair	fair	poor
1600x1200 @ 60 Hz	excellent	excellent	fair	fair	poor	poor

TECHNICAL SPECIFICATIONS

Power:	9V DC@030 mA UL Approved
Power Connector:	3.5mm O.D./1.3mm I.D. Center pos(d)
Power Connector Requirements:	1 power supply (either end)
Video Input/Output	
Signal Type:	Analog VGA/RGBHV
Connectors:	1 male HD-15, RJ-45
Nominal Level:	0.7V p-p
Minimum/Maximum Levels:	0.3V to 5V p-p
Impedance:	75 ohms
Sync:	TTL Compatible + or - polarity
Size:	Metal housing – 0.95" (h) x 1.15" (w) x 2.5" (d)
VGA Cable Length (approx.):	6"
Shipping Weight:	2.0 lb
Optional Accessories:	CatLinc PS (additional power supply) CatLinc TERM (75 ohm male VGA termination plug for CatLinc VGA-L)

UL Listed



**Simple
and
Intuitive**

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