

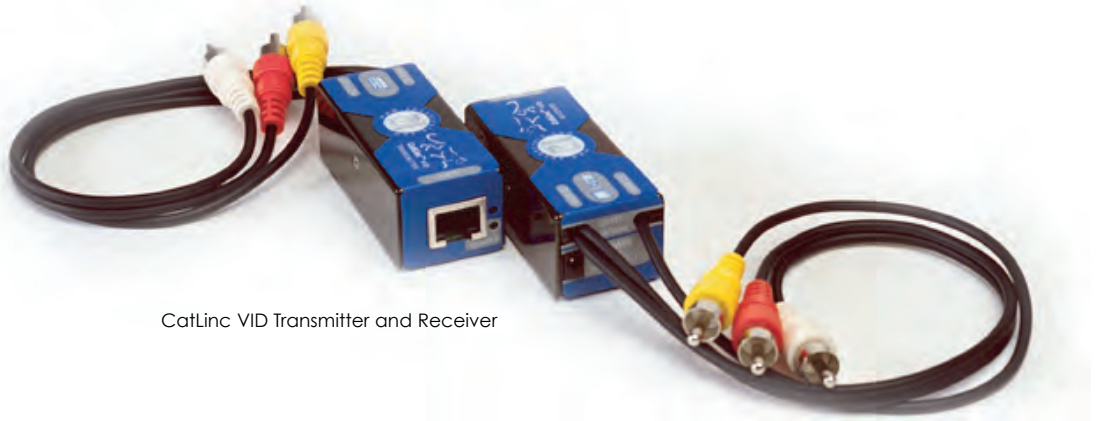
CatLinc™ VID, SVID and HD CAT5 Signal Distribution System

Transmitter/Receiver pair sends Composite Video, S-Video, or Component Video over CAT5/6

CatLinc SVID



CatLinc HD



CatLinc VID Transmitter and Receiver

Also Available from SP Controls



CatLinc VGA
VGA over CAT5.

CatLinc VGA-L
VGA over CAT5. Includes local loop for monitor.

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

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

CatLinc RS232
RS-232 to CAT5.



**Simple.
Intuitive.
Control.**

SP Controls, Inc.
930 Linden Avenue
South San Francisco
California 94080
phone: (877) 367-8444
fax: (650) 392-7881
email: help@spcontrols.com

FEATURES

The CatLinc VID, SVID, and HD extend video signal up to 365m/1200ft over standard CAT5, CAT5e, or CAT6 twisted pair cable. For shorter distances (110m/350ft or less), system power may be attached to either the Transmitter or Receiver. For distances greater than 110m/350ft, the CatLinc Transmitter and Receiver must both be powered. In this case, an additional power supply must be separately ordered (part no. CatLinc PS).

CATLINC VID allows composite video connection and unbalanced stereo audio connection between two devices using CAT5, CAT5e, or CAT6 twisted pair cable. The CatLinc VID supports NTSC, PAL, or

SECAM video signals. Connection is made to devices using 3 standard RCA connectors.

CATLINC SVID allows S-Video (YC) connection between two devices using CAT5, CAT5e, or CAT6 twisted pair cable. Connection is made to devices using standard S-Video mini-DIN connectors.

CATLINC HD allows component video (Y, PB, PR or YUV) connection between two devices using CAT5, CAT5e, or CAT6 twisted pair cable. Connection is made to devices using 3 standard RCA connectors. No configuration is necessary.

SP Controls always recommends use of shielded cable for all models.

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	
@0-350 ft/0-110m:	1 power supply (either end)
@351-1200 ft/111-365m:	2 power supply (both ends)
Video - Gain	Unity
Video Input/Output	
Signal Type	
CatLinc VID:	Composite video
CatLinc SVID:	S-video
CatLinc HD:	Composite video
Connectors:	
CatLinc VID:	3 male RCA, RJ-45
CatLinc SVID:	1 mini-DIN, RJ-45
CatLinc HD:	3 male RCA, RJ-45
Nominal Level	
CatLinc VID:	0.7V p-p
CatLinc SVID:	1.0V p-p
CatLinc HD:	Y: 1.0V p-p, C: 0.3V p-p Y: 1.0V p-p, P _B (C _B): 0.7V p-p, P _R (C _R): 0.7V p-p
Minimum/Maximum Levels:	0.3V to 1.5V p-p
Impedance (all models):	75 ohms
Sync (all models):	NTSC 3.58, NTSC 4.43, PAL, SECAM

Audio - CatLinc VID only	
Connectors:	2 male RCA
Gain:	Unity
Frequency response (-3dB):	2Hz - 100 kHz
Input impedance:	20 kOhms
Output impedance:	75 Ohms
THD+N @ 0dBu:	0.008%
Max level in:	+10.5dBu
Output clip level:	-86dBu
Output noise:	-86dBu
Cross-talk:	-78dBu
Dynamic range:	95dB
Signal-to-noise ratio (min):	95dB
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)

UL Listed