

# CatLinc™ VID SVID HD

## CAT5 Signal Distribution System

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

CatLinc SVID



CatLinc HD



Also Available from SP Controls



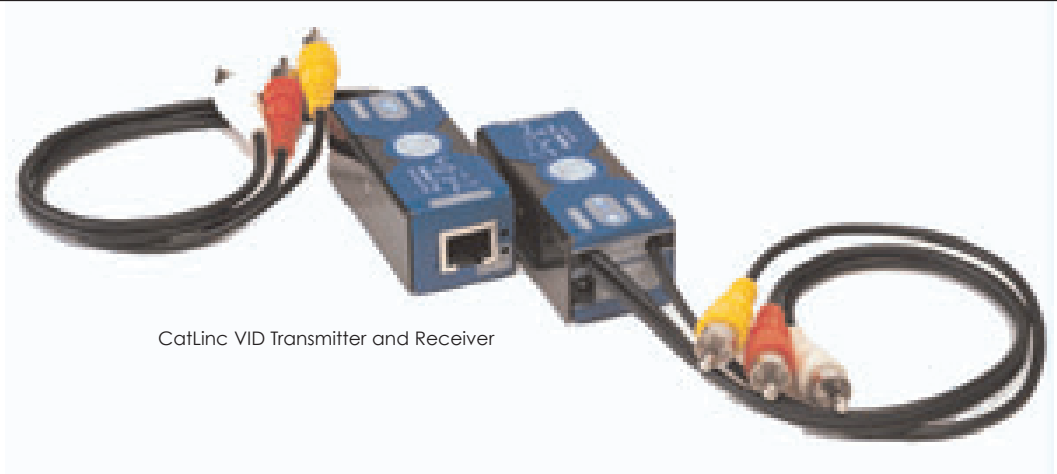
CatLinc VGA  
VGA over CAT5.

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.



CatLinc VID Transmitter and Receiver

### 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.

SPControls 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<sub>B</sub> (C<sub>B</sub>): 0.7V p-p, P<sub>R</sub> (C<sub>R</sub>): 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



Simple  
and  
Intuitive

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