**Contact: Dennis Berglund** Priax Corporation Phone: (619) 478-2600 Fax: (619) 478-2555

P.O. Box 776 33408 Sandy Creek Lane Pine Valley, Ca 91962 www.priax.com



## PRESS RELEASE

## 2Y-Link Video Testing in Process at the Sandy Creek Test Center, Pine Valley, Ca

**San Diego, March 21, 2012:** The Sandy Creek Test Center has been testing the 2Y-LINK 2-wire video transmission system under various long range cable conditions for the past several months. The testing over the past months has been successful. Further testing with remote pan-tilt-zoom cameras and other wire conditions will be conducted in the next two months with a full report at the end of testing.

The 2Y-LINK video transmission system by Leeds Electronics provides a unique method of video transmission over two small gauge wires. The two wires include the transmission of the power, analog video signal, and in some cases control signals. Using this method, an analog camera can be installed at a distance of over 500 meters (1640 feet) using almost any type of cable.

The system under test consists of the Leeds CI-16-ASP-486 signal processor connected to Leeds PT068B12 remote mixers located at each remote camera. This system was inserted between a commercially available Q-See video recorder with matching 4 watt cameras. The Q-See video system would normally be installed with coaxial video cables and power cables interconnecting the cameras and recorder with cable of less than 100 ft. Using the Q-See analog video system with the Leeds 2Y-LINK allows the same inexpensive analog camera to connect with cameras 500 meters away.

The current test system includes three cameras connected from long distances and differing wire types as follows:

- The first long distance camera is installed using 500 feet of 20 gauge 2 conductor cable and another 500 feet of 18 gauge 2 conductor shielded cable for a total of 1000 feet. The video transmission has been acceptable under day and night conditions.
- The second long distance camera is installed using 1700 feet of Category 5 Ethernet cable.
  One of the four 24 gauge cable pairs is used. The video transmission has been acceptable under day and night conditions.
- 3. The third long distance camera is installed using 1000 feet of Category 5 Ethernet cable and another 500 feet of 18 gauge 2 conductor cable for a total of 1500 feet. The video transmission has been acceptable under day and night conditions.

Additional tests using 2 conductor bell wire (wire that would be used to connect low voltage door bells), long distances (1000+ ft.) of thermostat wire and long lengths of 2 conductor zip cord are planned within the next two months.

Initial conclusions based on the testing to date are:

 The 2Y-LINK can be used to connect analog cameras at distances of over 500 meters using a pair of wires.

- 2. The patented use of current modulation allows the 2Y-LINK system to connect cameras with virtually any type of wire as long as the remote camera power is within the design limitation and the wire gauge is within the 2Y-LINK system specifications.
- 3. Additional testing will be reported when complete.

For further information, contact Priax Corporation, Sandy Creek Ranch and Research Center,

619-478-2600, or email sales@priax.com.