

Transmits real-time video over standard telephone wire

The KTS-271 is a single-channel active receiver that is part of Kalatel's new, integrated CCTV UTP (unshielded twisted pair) system. Designed to expand the capabilities of the CyberDome product line, this active transceiver is able to receive real-time color or monochrome video up to 3,000 feet over standard UTP telephone wire. Receiving video over UTP wire, rather than over traditional video cable, provides a reliable, high-quality, flexible and expandable system that uses less conduit space, and can be built into existing wiring topologies.

This single-input receiver was designed with unparalleled interference immunity, allowing video signals to coexist in the same wire bundle as telephone, datacom signals, and low-voltage power circuits with no degradation in video quality. Video signals are sent

without the need to digitize or compress, and without the signal degradation associated with these techniques.

The KTS-271 provides built-in transient protection and surge suppression. The ability to transmit over UTP wire means that the KTS-271 can be utilized in both new and existing installations.

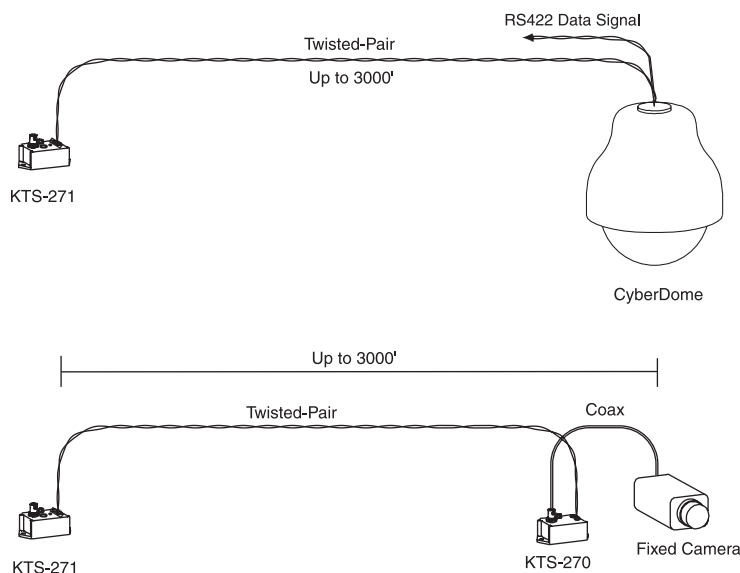
The KTS-271 active receiver has been designed to work with other Kalatel transceiver and receiver components as a system, and are guaranteed to function only when paired with Kalatel and NVT- (Network Video Technologies) compatible products.



KTS-271 UTP receiver

Features

- Real-time video over unshielded twisted-pair wire
- Receive video up to 3,000 feet
- One video input
- Color or monochrome video
- Interference immunity
- Built-in transient protection
- Compatible with NTSC, PAL, and SECAM



System Diagram

Kalatel's line of CyberDome cameras come with an optional UTP Interface Module (a passive transceiver) embedded as a part of the camera. The CyberDome can then be paired with a KTS-271 active receiver on the monitor end for the ability to transmit video up to 3,000 feet over twisted-pair wire.

