GE
Security

The **KTD-405 keypad** is compatible with all GE Security products including switchers, DVMRe units, and domes. The KTD-405 controls up to 1,024 cameras or receivers, 128 switched monitors, and 2,048 PTZ sites. Digiplex® systems can also be controlled by the KTD-405.

With its built-in RS-422/RS-485 communication port, the KTD-405 keypad operates digital recorders, multiplexers, matrix switchers, alarm interfaces, and domes such as GE Security's Legend and CyberDome cameras. The keypad can select and switch video, initiate camera tours, and select monitors.

The KTD-405 operates in one of two modes: Discrete Zone or Standard Digiplex. In the Discrete Zone mode, the system can be divided into 32 zones with up to 32 cameras in each zone. Multiplexers serve as the switching devices in this mode. In Standard Digiplex mode, a matrix switcher is the system's primary switching device.

Other features include a three-axis joystick for exceptional pan/tilt maneuverability in dome applications and dedicated recorder operation keys.

When call-ins occur, a built-in annunciator alerts the user that attention is needed. The KTD-405 can stack up to 32 call-in requests in the order they were received. The first three call-in requests are displayed, and a reminder tone sounds every 15 seconds until all active call-ins have been cleared from its queue. Authorized personnel can program the KTD-405 and other Digiplex components through confidential access codes.

The KTD-405A adds audio functionality to the unit, providing two-way voice communication with a built-in speaker, amplifier, and audio microprocessor for automatic volume level.

Features

- Digiplex system control
- RS-422/RS-485 and RS-232 communication ports
- Zone system partitioning
- Security levels
- Three-axis joystick
- Built-in annunciator
- Backlit liquid crystal display

KTD-405 controller keypad
System control for GE Security products

Specifications

Electrical
• Voltage: 9 VAC/12 VDC
• Power: 5 W

Outputs
• RS-422 DIgiplex protocol
• RS-232, RJ-45 connector
• RJ-11 audio bus (KTD-405A model only)

Features
• Microcontrollers: 89C51-RD2—CPU and RS-485 UART; 89C51-RD2—Aux. CPU and RS-422 UART
• Hard programming: 4-position DIP switch
• NV RAM: Built into processors
• Keys: 43 keys (momentary push buttons); 48 keys for KTD-405A
• Joystick: 3-axis

Audio
• Sound tranducer: Intervov Part No. BRT1209P-06-C
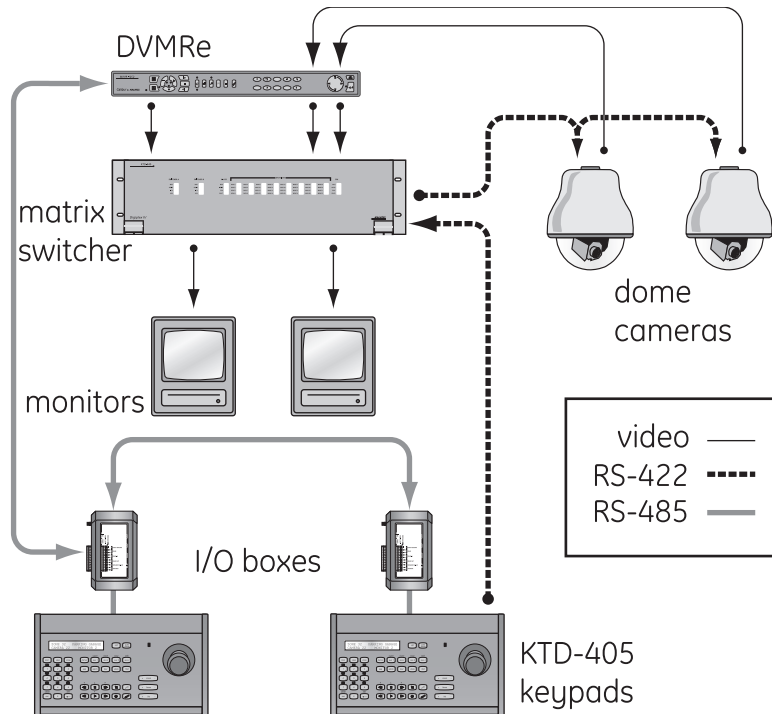• 2 W (KTD-405A only): RJ-11 connector

Mechanical
• Weight: 1.95 lb. (0.88 kg)
• Housing: Aluminum with ABS plastic end caps
• Color: Dark gray
• Key construction: Integrated rubberized molding (elastomer)

Regulatory
• FCC, CE, C-Tick, UL

Ordering information

KTD-405 Three-axis variable-speed controller keypad, includes I/O box, RJ-45 control cable, power supply, and power cable

KTD-405A Three-axis variable-speed controller keypad with audio option, includes I/O box, RJ-45 control cable, RJ-11 audio cable, power supply, and power cable

typical KTD-405 Standard Digiplex configuration