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KTR-11

Face/Badge Reader

Overview

The KTR-11 is a multifunctional face/badge reader that controls access to a facility via live identification at remote entry and exit points. It is ideal for mantrap applications.

Outstanding Features

The KTR-11 holds two small solid-state cameras: one to view the face of the individual seeking access, and the other to view their photo identification badge. The face is viewed through a unique motorized mirror, which can be remotely adjusted to accommodate the individual's height. The KTR-11 can also accept video from three additional cameras and provide control for two doors. It features a call button and an 8 ohm speaker for two-way voice communication with the control site.

The KTR-11 can be operated through twisted-pair cable from any of GE Security's audio-equipped keypads. Its internal circuit card includes relays for entrance/exit control; a screen inserter for simultaneous display of the face and badge views; a DTMF tone generator for transmitting call-in requests; and a five-position video/audio switcher. An alphanumeric character generator superimposes door status information on the output video signal for display at the monitor location. External connections are made through BNC connectors and removable terminal strips. All ICs are socketed for easy removal and replacement.

The KTR-11's brushed stainless steel housing can be flush mounted into a wall with two mounting brackets, which are provided. It can also be surface mounted with the optional wall flange (KTR-92). A weatherproof hood (KTR-90) and heavy-duty mounting pedestal (KTR-91) are available for outdoor installations.



Standard Features

- **Ideal for mantrap applications**
- **Low-profile flush mounting**
- **Brushed stainless steel housing**
- **Motorized face view mirror for remote height adjustment**
- **Microprocessor-based**
- **Built-in screen inserter**
- **Two-way audio communication**
- **Five-position video and audio switcher**
- **Door/gate/turnstile control**
- **Video display of door status**
- **24 VAC power**

KTR-11

Face/Badge Reader

Specifications

Electrical Inputs

- Voltage: 24 VAC
- Power: 8.5 VA
- Data: RS422
- Audio: 8 ohm half duplex

Output

- Call signal: DTMF 1.25 V pk-pk typical on nominal 2 V pedestal

External Door Control Inputs

- Door status (2): Dry contacts
- Door call (2): Dry contacts

Outputs

- Door relays (2): SPDT, dry contact, 1 A @ 30 VDC
- Audio relays (2): DPDT, dry contact, 1 A @ 30 VDC

Video

- Inputs (5): Composite video, 1 V pk-pk
- Output: Composite video, 1 V pk-pk
- Impedance: 75 ohm, inputs and output
- Bandwidth: 7.7 MHz at -1.5 dB; 12.0 MHz at -3 dB
- Signal/noise: -35 dB (RMS rel. 1 V pk-pk)
- Crosstalk: -50 dB
- Gain: 0 dB $\pm$ 1 dB

Connections

- Video: BNC connectors
- Power: 3-pin locking connector
- All others: 15- and 8-position removable terminal strips

Mechanical

- Weight: 14 lb (6.4 kg)
- Construction: 18 ga. stainless steel
- Finish: Brushed

KTR-90

Electrical

Input

- Voltage: 115 VAC (220 VAC with E4 option)
- Power: 75.5 VA

Output

- Voltage: 24 VAC
- Power: 100 VA

Connections

- Power: 3-wire pig tail

Mechanical

- Weight: 25 lb (11.3 kg)
- Construction: 0.125 in (3.2 mm) aluminum
- Finish: Polyurethane enamel, profile gray

KTR-91

- Weight: 42 lb (19.1 kg)
- Construction: 0.120 in (3 mm) CRS
- Finish: Polyurethane enamel, profile gray

KTR-92

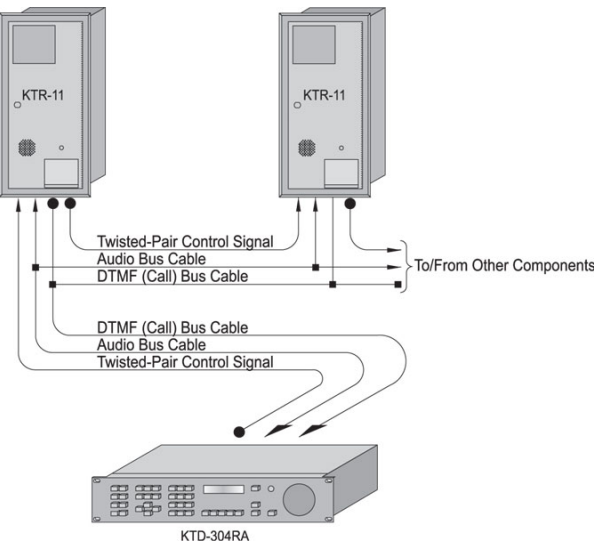
- Weight: 6.4 lb (2.9 kg)
- Construction: 18 ga. stainless steel
- Finish: Brushed

Ordering Information

KTR-

- | | | |
|----|--|--|
| 11 | Face / Badge Reader | |
| 90 | Weatherproof hood | |
| 91 | Pedestal
(when wall mounting is not feasible) | |
| 92 | Wall Flange
(when flush mounting is not feasible) | |

- Additional for KTR-11 only**
- | | |
|-----|---|
| C | Add high-resolution B/W camera and lens |
| C-C | Add high-resolution Color camera and lens |



GE Security

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