

# NEW PRODUCTS



## AUDIO VIDEO ENTRY SECURITY KC-1GRD

**VIDEO**  
**SENTRY**  
**TILT**

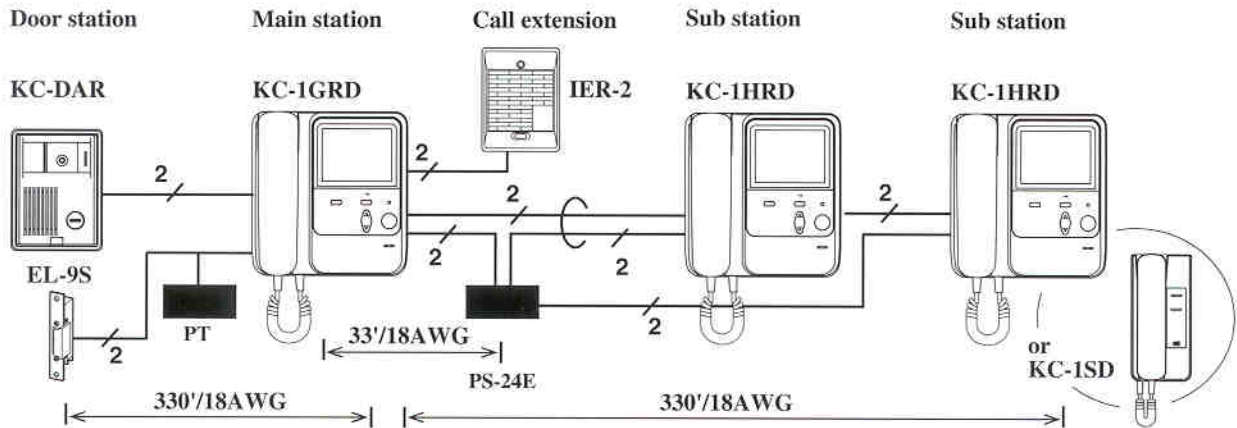


### FEATURES

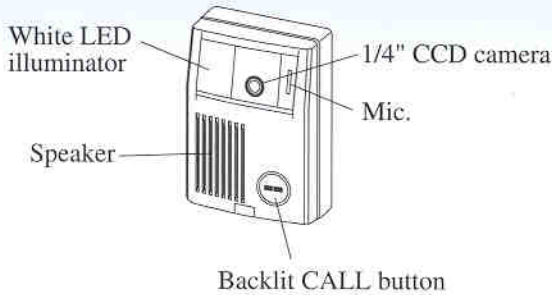
- One video door station and up to three inside monitors
- Clear & crisp color image with 4" TFT display and Digital Signal Processor
- Handsfree Audio and Video monitoring when door calls or when Monitor button is pressed
- Tilt control for camera allows viewing from children or people in wheel chairs to tall people
- All call allows internal announcements, plus 2-way communication via handset
- White LED illuminators for viewing in low light conditions
- Door release control from inside stations

# Color Video with Tilt and up to 3 Monitors

## VIDEO SENTRY COLOR TILT



### KC-DAR



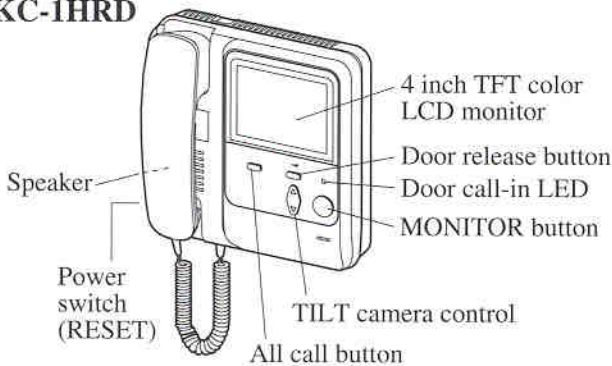
### SYSTEM COMPONENTS

- KC-DAR** Video door station
- KC-1GRD** Main monitor / handset station
- KC-1HRD** Sub monitor / handset station
- KC-1SD** Audio-only handset station
- PS-24E** Power Supply, 24V DC, 2A

### OPTIONS

- KA-DGR PANEL** Stainless steel enclosure for KC-DAR
- EL-9S** Door release, 12V AC, 0.35A. Requires AC transformer (PT-1210N).
- IER-2** Call extension speaker.
- KAW-D** 30° Angle Box for KC-DAR

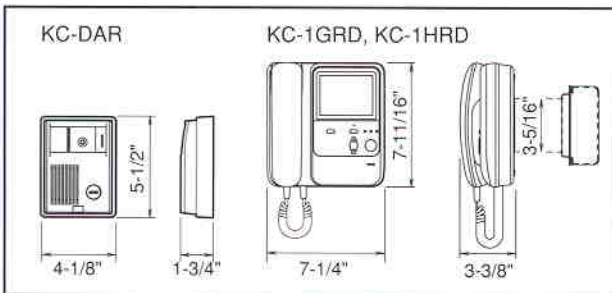
### KC-1GRD KC-1HRD



- Cable:** 22AWG-18AWG. Use 18AWG when running new wire. Vinyl jacketed cable with PE (polyethylene) insulation for max distance. If cable with other insulation is used, max distance to farthest monitor is 110'.
- Wiring:** Audio / video wires (2 cond) between inside stations is looped, not homerun. (Wire from first to second, second to third.)
- Power supply:** For maximum distance of 330' between monitors, run a separate 2 conductor wire from the power supply to each monitor, or install a power supply at each monitor location.

### SPECIFICATIONS

- Power source** 24V DC, supplied by PS-24E.  
KC-1GRD: 650mA, 70mA standby.  
KC-1HRD: 500mA, 50mA standby.  
KC-1SD: 70mA, 50mA standby.
  - Video monitor** 4 inch TFT color LCD
  - Call-in from door** 4-tone chime
  - Internal Calling** Pretone then voice when calling inside stations
  - Image view area** Approx. 24 Horiz, 3' 8" - 7' 9" Vert. at 4' 3" high (up to camera center) and at 20" from camera
  - Night viewing** Built-in light is projected up to 12" from camera. Outside area beyond 12" cannot be seen
  - Door release** Contact rating: 12V AC, 400mA
  - Wiring** 2 wires to door station (parallel wire, non-polarized)  
2 wires between rooms, looped, plus  
2 wires from power supply to each monitor, homerun
  - Distance** 22AWG 18AWG  
• KC-1GRD to door 165' (50m) 330' (100m)  
• Between rooms<sup>(\*)</sup> 165' 330'
- (\*)Using wiring method for max. distance
- Aiphone wire is available, and extends the warranty an additional year (3 years total)



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