

## DS100 Door Sentry & Emergency Alarm System

### System Features:

The DS100 System monitors doors, windows, or any device that uses open or closed contact switches, such as heat detectors, door/window magnetic switches, and momentary emergency push buttons. Opening or closing any contact device causes an indicator light to latch ON and initiates an audible signal that may be silenced without canceling the visual signal. The visual signal may only be canceled at the master. Nursing Homes and Assisted Living Facilities use the DS100 to add door and window monitoring to a Tek-CARE® NC110, NC150 or NC200 nurse call system.



DS100/20  
with AM100/36  
and OF202

**The DS100 Annunciator Panel** is constructed of extruded aluminum, and includes the tone speaker, lamp test button and tone off button and light, plus 4 to 20 lamp/buttons. The DS100 may be desk, flush or surface mounted.

**The AM100 series Button Adder Panels** are available with 24 or 36 annunciator lamp/buttons.

Lamp/buttons have removable lenses for easy identification. Each master station is configured with one DS100 panel, plus up to eight AM100 series adder panels, to accommodate 4–308 remote switches.

OPTIONS: AM100 Blank Add-on Panel  
RP021CM Custom lens marking, 4 digits max.

PANEL DIMENSIONS: 14.75"H × 4"W (369 mm × 100 mm)  
HOUSINGS: Flush: OH200-series Housing & OF200-series Frame  
Surface: OH300-series Housing & OF200-series Frame  
Desk: IH300-series Desk Housing  
POWER: 110 VAC supplied by the SS106 Transformer  
REQUIRED: PK2019A power & control unit, SS106 transformer



IR019B

**The IR019B Remote Tone Speaker** provides remote tone annunciation when connected directly in parallel with the DS100 panel and the PK2019A power & control unit. The IR019B is a flush mount stainless steel panel with a momentary button to silence the call tone, and a tone off light to indicate when the tone has been silenced.

DIMENSIONS: 4.5" × 4.5" (113 mm × 113 mm)  
HOUSING: Two-gang electrical box



PK124K



PK124  
(installed)

**The PK124K Battery Backup Kit** is used with the PK2019A to provide emergency backup power during an outage or to accommodate emergency power switch over. The kit includes a PK124 battery charger, two BA001 gel cell batteries and an FZ151 in-line fuse installed in an IH151N junction box. The PK124K is surface mounted.

DIMENSIONS: 11.75" × 11.75" × 3.75" (294 mm × 294 mm × 94 mm)



PK2019A

**The PK2019A Power & Control Unit** provides power, control and signalling circuits, plus a normally open and a normally closed auxiliary contact. Pigtails are provided for wire termination. The PK2019A is surface mounted.

DIMENSIONS: 5.5" × 3.125" × 2.0" (140 mm × 51 mm × 57 mm)  
POWER: 24 VAC, 30 VA max., supplied by the SS106 Transformer



SS106

**The SS106 Class 2 Transformer** offers a compact, easy-to-install low voltage AC power source. The transformer is UL® Listed and will safely take itself offline when overheated. It is designed for easy installation in a standard 1/2" knockout or for surface installation, and may be used in either plastic or metal boxes.

SPECIFICATIONS: 120 VAC primary, 8 VAC 20 VA  
16/24 VAC 30 VA secondary