MKS-1GD, 1GDV, 1GDVF

Fixed Camera Door Sentry Systems

DESCRIPTION:
The MKS-1GD, 1GDV and 1GDVF are audio video door answering systems complete with a fixed camera door station (MK-DH, MK-DV and MK-DVF respectively), an inside monitoring station (MK-1GD) and a power supply (PS-1820UL). Two additional interior stations may be added, either audio only (MK-2SD), audio/video (MK-1HD) or one of each. The video door stations feature a wide angle black & white CCD camera with built-in infrared illumination for low light viewing, call-in button, and speaker/mic for communication. The call button on the door station turns on the 4” CRT at the inside monitor, initiates audio monitoring from the door and activates a four-stroke chime.

FEATURES & FUNCTIONS:
• Video quality improved over current MK system
• Set contains door station, monitor and power supply
• Extra dry contact (requires additional equipment)
• Door call-in LED
• Video and audio turn on when door calls in
• Door Call Transfer
• Redesigned monitors
• Two additional monitor or handset only stations can be added
• Simple 2-wire hook up -- Can replace existing doorbell
• 4 conductors between inside monitors
• Handset for two-way communication at inside station

Audio communication at the door station is hands free, and communication at the inside station is through the handset. The interior stations also feature a normally open dry contact for door release and an extra dry contact for light or secondary door release activation. Additional door station features vary by model: The MK-DH is surface mount and features a gray ABS plastic housing and an adjustable viewing area. The MK-DV is surface mount and features a Zinc cast faceplate with a metal call button. The MK-DVF is flush mount with a stainless steel faceplate and metal call button. One power supply (PS-1820UL) supplies power for an entire system.

MK Series System Components

MK-1GD/HD Features:
• Audio/Video Monitor
• 4” CRT Screen
• Handset for private communication
• All call to other units
• Door release contact
• Extra dry contact (Optional)
• Call-in LED
• Chime tone Volume control
• Transfer of door call-in
• Instant-on when door calls
• Monitor the door station

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MK-2SD Features:
• Audio Only sub
• Handset for private communication
• All call to other units
• Door release contact
• Extra dry contact (Optional)
• Call-in LED
• Chime tone Volume control
• Transfer of door call-in

MK-DH Features:
• Surface mount
• Adjustable camera angle
• Built in infrared LED’s
• Lexan protected camera lens

MK-DVF Features:
• Flush mount
• Backlit directory
• Vandal resistant
• Stainless steel face
• Metal call button
• Built in infrared LED’s
• Lexan protected camera lens

MK-DV Features:
• Surface mount
• Backlit directory
• Vandal resistant
• Zinc cast face
• Metal call button
• Built in infrared LED’s
• Lexan protected camera lens

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**SPECIFICATIONS:**

**Systems:**
- MKS-1GD (MK-DH, MK-1GD, PS-1820UL)
- MKS-1GDV (MK-DV, MK-1GD, PS-1820UL)
- MKS-1GDVF (MK-DVF, MK-1GD, PS-1820UL)

**Power Source:**
- 18V DC - Use PS-1820UL

**Operating Temperature:**
- MK-DH, DV, DVF: 14° ~ 140° F
- MK-1GD/1HD/2SD: 32° ~ 104° F

**Communication:**
- Hands free at door station, Handset at inside stations
- From Door to Inside: Chime tone with “Instant on”
- Between Inside Stations: All Call tone, then communicate with handset

**Video Monitor:**
- 4” CRT with 525 scanning lines

**Camera Unit:**
- CCD (Charged Coupled Device) with infrared LED illumination

**Overall Viewing Area:**
- 25-1/2” Vert. x 37-1/2” Horiz. at 20”

**Wiring:**
- 2 wires to door station (Use Aiphone wire # 871802)
- 4 wires between monitors (Use Aiphone wire # 871804)

**Wiring Distance:**
- Door to Master: 650’ w/18AWG
- Master to last Sub: 245’ w/18AWG
- Power supply to Master: 33’ w/18AWG

**Mounting:**
- Surface mount to a 1-gang box or ring

**Door Release Contact:**
- Normally Open - 12V AC, 400mA Max.

**Dimensions (H x W x D):**
- MK-1GD/1HD: 8-1/4” x 8-1/4” x 2-3/4” - MK-2SD: 7-7/8” x 3-1/2” x 2-1/2”
- MK-DH: 5-1/8” x 3-7/8” x 1-1/2” - MK-DV: 6-7/8” x 3-7/8” x 1-1/16”
- MK-DVF: 8-1/4” x 5-3/8” x 2” (Overall depth)