MK-DGV
Vandal Resistant Video Door Station

DESCRIPTION:
The MK-DGV is a vandal resistant video door station designed for use with any of Aiphone’s MY or MK series video systems. It features a PanTilt CCD camera with infrared illumination, and voice communication with the inside station.

The faceplate is constructed of 1/8” thick stainless steel, and the camera cover is shatter resistant Lexan®. The MK-DGV is flush mounted, or it can be surface mounted with the SBX-DGV. Tamper proof screws and a tool are included.

FEATURES:
- Video door station with PanTilt, CCD camera
- Camera can be moved to view 70” horizontally and 35” vertically
- Infrared illumination for low light viewing (1 lux)
- Camera cover is Lexan® -- flame and shatter resistant
- Flush mounting backbox is included
- Surface mount backbox is available (SBX-DGV)
- Works with any Aiphone MY PanTilt video system or MK fixed camera system

SOME APPLICATIONS:
- Restaurant and Retail
  Rear Entry Doors
- Schools
- Commercial Facilities
- Prisons and Jails
- Gates
- Factories / Warehouses

SPECIFICATIONS:
Power Source: Supplied by main monitor or video adaptor
Camera Unit: CCD (charged coupled device)
Scanning Lines: 525 lines
Image Viewing Area: 26” horizontally and 18” vertically at approx. 20” from camera
Minimum Illumination: 1 Lux
Calling: Chime or call tone heard at inside station(s). Monitor(s) turn on when call button is pressed
Communication: Hands free at camera unit
Wiring Distance: 330’ with Aiphone #841802 wire (18AWG 2 cond. non-twisted, non-shielded)
Do not use coax. Use MYW-BA and Aiphone wire #851602 for up to 980’.
Dimensions (HxWxD): 10-3/16” x 7-5/8” x 5/8” (Outer panel dimensions)
Mounting: Flush mount: 9-1/16” x 6-1/8” x 2-11/16” (ABS plastic backbox is included)
Surface mount with SBX-DGV: 10-3/8” x 7-7/16” x 3-1/4” (top), 2-1/2” (bottom)
## MK-DGV
### Vandal Resistant Video Door Station

#### VIDEO SYSTEM:

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<th>Video Accessories</th>
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<td>MYW-BA Long distance adaptor for Cameras</td>
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<td>MY-1CD Main Monitor, PanTilt (Max. 1</td>
<td>(Requires use of Aiphone wire #851602)</td>
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#### Compatible Video Adaptors

- MYW-P1L 1-camera Adaptor for LEF/MY
- MYW-P3L 3-camera Adaptor for LEF/MY
- MYW-P10L 10-camera Adaptor for LEF/MY
- MYW-P3CB 3-camera Adaptor for IE/TD-H
- TB-ADM10 TB-M system with Video Entry

#### Power Supplies

- PS-18C 18V DC, 2A, UL listed
- PS-18YC/A 18V DC, 1.2A, UL listed

#### SYSTEM LAYOUT EXAMPLE:

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MK-DGV w/SBX-DGV
MK-DGV w/SBX-DGV
 MY-2CD
  PS-18C
  MYH-2CD
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#### ARCHITECTS/ENGINEERS' SPECIFICATIONS:

- The unit shall be a flush mounted vandal resistant audio video door station, Aiphone model MK-DGV. The unit shall have a panning range of 70° and a tilting range of 35°. The unit shall be equipped with a speaker/microphone for 2-way communication with the inside station(s). The unit shall semi-flush mount into the backbox provided with the unit, or surface mount with the SBX-DGV.

- The video door station shall contain a CCD camera with LED illumination for low light conditions. Infrared illumination shall provide a visible image at one lux of light when the object is within 20” of the front of the camera.

- The unit shall feature a 1/8” thick stainless steel faceplate and a shatter resistant Lexan® dome to protect the camera unit. Tamper proof screws for mounting and a wrench for installation shall be provided.

- Unit shall be manufactured by Aiphone.