

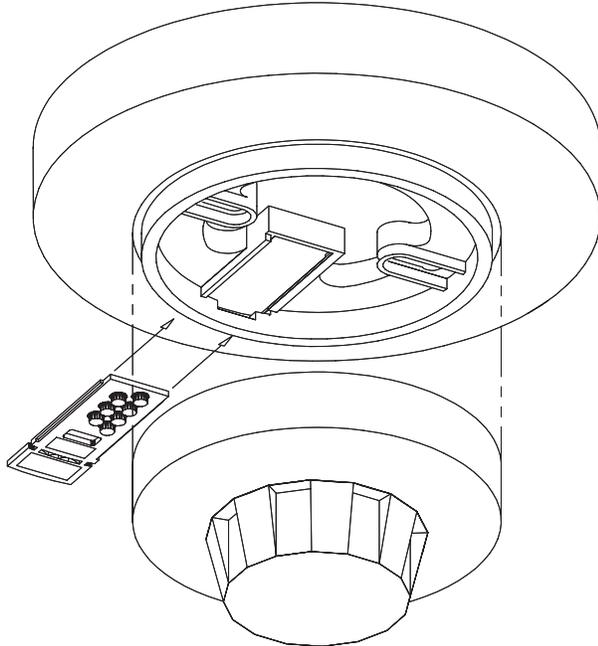
The NATIONAL TIME Addressable Analog Photo and Ion detectors maintain consistent alarm detection over changing ambient conditions. In collaboration with the FACP, its intelligent self-adjusting drift compensation algorithm provides true alarm threshold levels above the detector's ambient levels. The powerful DigiComm™ communication protocol enables reliable and accurate information to be exchanged between the detector and the Fire Alarm Control Panel. The detectors feature programmable status LED indicators. In the non-active state, the status LED can be used to determine detector type. The Ion detector has a red LED and the Photo has a clear LED which are easily distinguishable at a distance. The detector's address is set in its base providing a convenient and trouble free maintenance procedure. The detectors mount to a selection of base styles to accommodate installation requirements.



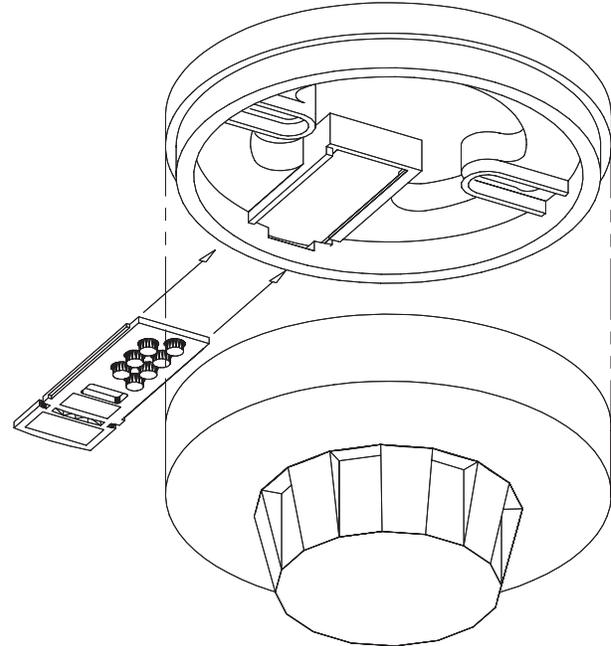
## Features:

- False Alarm Immunity
- Dirty Detector Sense
- Drift Compensation
- Style 4, 6, or 7  
Communication Wiring
- Superior DigiComm™  
Digital Communication  
Protocol
- LED Indicator
- Integrated NFPA 72 Detector  
Sensitivity Self Test
- U.L. Listed

## Mounting Diagrams



Shown with D900-BASE6 and D900-IDENT



Shown with D900-BASE4 and D900-IDENT

## Specifications

**DIGICOMM™ LOOP POWER:** Voltage Range 17VDC to 28VDC  
Alarm and Supervisory  
Current Level: Ion = 280uA (4mA LED Active)  
Photo = 340uA (4.5mA LED Active)

(Note: add 4mA of Alarm current if using D900-BASE6 SOUND or D900-BASE6 AUX)

**COMMUNICATION:** Style 4, 6, or 7 (via the DigiComm™ Communication Loop)

**FINISH:** White Polycarbonate

**DIMENSIONS:** 4" dia. x 1.65"

**AIR VELOCITY:** 0-300 fpm

**NET WT.:** 3.6 oz.

**MOUNTING:** To *DigiComm™* Detector Bases (see Bulletin F-360)

## Ordering Information

Part No.	Description
D900-ION	Digicommm™ Ionization Smoke Detector
D900-PHOTO	Digicommm™ Photo Smoke Detector

See Bulletin F-360 for base styles.