

System Specifications Summary



	Machine Room Unit	In-Car Elevator Unit	In-Car Elevator Unit	Lobby & Machine Room Unit
Part Number(s)	7100	7200	7200M-C118: 7200M with 0.118" lens cover 7200M-C156: 7200M with 0.156" lens cover	12-116 Zones available (part numbers will vary)
Dimensions	4.25" H x 6.10" W x 1.73" D	6.3" H x 4.65" W x 1.44" D	3.72" H x 5.59" W x 1.77" D	12-116 Zones available (sizes vary)
Power	24 VDC	24 VDC (from Machine Room Unit)	24 VDC (from Machine Room Unit)	110 VAC
Wiring	Connect via single twisted pair	Connect via single pair	Connect via single pair	Connect via single pair
Mounting	Wall Mount	Behind the COP Panel	Behind the COP Panel	Surface or Flush Mount
Code Compliance	ASME A17.1 - 2019/2022	ASME A17.1 - 2019/2022	ASME A17.1 - 2019/2022	ASME A17.1 - 2019/2022
Warranty	2 years	2 years	2 years	2 years

Modern Communication Solutions

As communication needs evolve, RATH by AVIRE continues to support building owners and elevator contractors with voice and data cellular gateway solutions, providing proven, reliable alternatives to POTS and wired-network connections.

4G Voice & Data Cellular Gateway (8100-V4G)

Carriers supported:
AT&T, Verizon, T-Mobile, FirstNet, and Frontline



4G Cellular Gateway (2100-LTEGSM4)

Carrier supported:
AT&T



Deliver Clear Communication
When Every Second Counts with

SmartView 2
Two-Way Voice & Visual Text Communication System

Meets the following requirements:
ASME A17.1 2019/CSA B44-19 and IBC 2018
ASME A17.1 2022/CSA B44-22 and IBC 2021



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Compliance Without Compromise

SmartView 2 delivers two-way voice and visual text communication for elevator passengers, ensuring clear interaction during emergencies - especially for passengers who are deaf, hard of hearing, or non-verbal.

The system offers building owners and installers a no-compromise solution that balances code compliance and data security with ease and flexibility.

- SmartView 2 integrates with any brand of elevator panel for new builds or modernizations and can leverage traditional wired connections or wireless communication solutions to suit any building conditions.
- Encrypted hardware and secure, VPN-backed connections enable remote (OTA) updates to pass seamlessly and safely to the system.
- The SmartView Hub monitoring platform supports multiple options for on-site, third-party or hybrid monitoring models with password-protected access and admin controls.

How It Works

Example provided features the All-In-One System (7200).

- 1

In-Car Unit
Passenger interface to communicate with monitoring agents and emergency personnel via voice and text, activated by elevator call button. Device captures video and relays it to monitoring agents through the SmartView HUB.
- 2

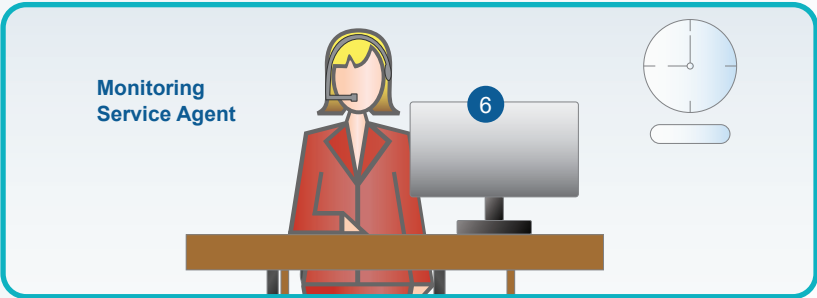
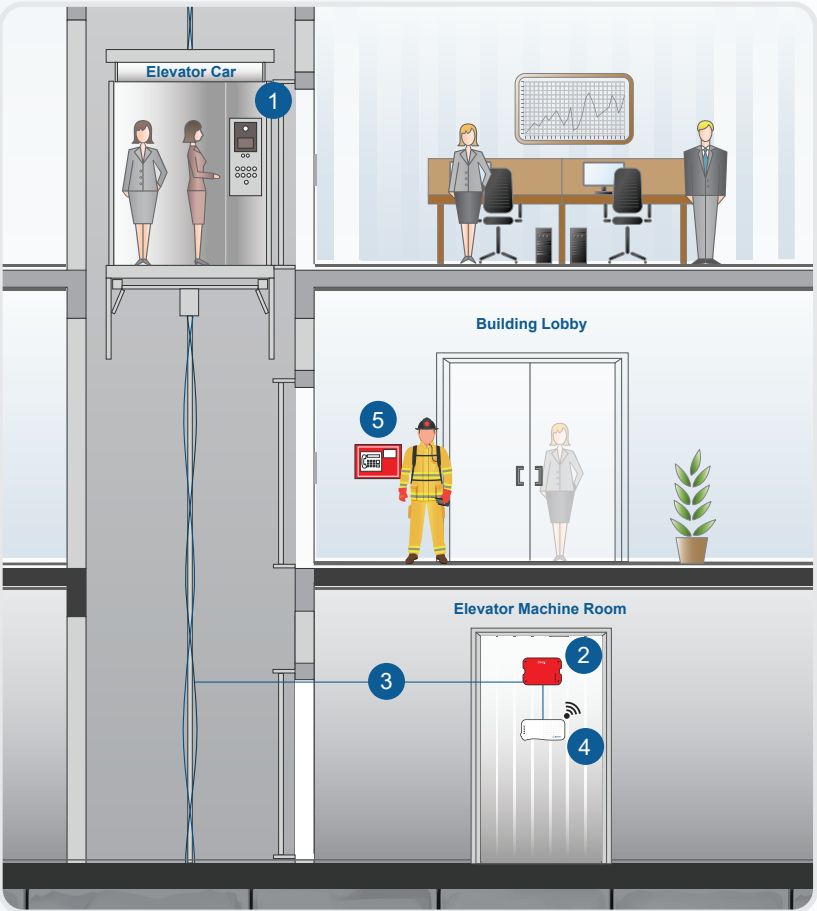
Machine Room Unit
Provides connections for internet and phone line, connects to building power (AC). Receives OTA system updates.
- 3

Two-Way Communication (Cable)
Voice and data transmitted via a single twisted pair in traveling cable.
- 4

Cellular/Data Gateway (Optional)
Alternative to POTS for wireless voice connection and/or alternative to ethernet for wireless internet connection.
- 5

SmartView Command Center
Required for buildings w/ 60ft+ rise to provide on-site emergency personnel with a means of communicating directly with trapped passengers.
- 6

SmartView HUB
Cloud-based monitoring and messaging platform used by on-site personnel or 3rd party providers.



Choosing a SmartView 2 Configuration

SmartView 2 features compact, in-car unit designs that install seamlessly into standard elevator panels. This saves space and reduces installation time on both new elevators and modernization projects.

Whether building owners want an all-in-one solution or a modular setup with a separately mounted camera and elevator emergency phone, both options provide the same accessible and compliant experience. Each enhances passenger safety and ensures reliable communication.

All-In-One System



- Features a display screen with built-in camera, speakers & microphone.
- Works with elevator buttons for yes/no communication and call activation.
- Compact footprint (6.3" H x 4.65" W x 1.44" D)
- Used with 7100 Machine Room Unit.

Modular System



- Display screen works with separately mounted camera and elevator phone.
- Works with elevator buttons for yes/no communication and call activation.
- Compact footprint (3.72" H x 5.59" W x 1.77" D)
- Used with 7100 Machine Room Unit.

Seamless & Secure Monitoring Support

The easily programmable, cloud-based SmartView Hub is the text messaging and video monitoring interface for the SmartView 2 system, connecting elevator passengers to authorized personnel on on-site teams and/or third-party monitoring agencies during an emergency.

- Multiple user profiles and permission levels.
- Password-protected account logins.
- Two-factor authentication.
- Dual-source monitoring entity coverage.

