

Technical Specifications

VL520F-SA Intrado Revolution® Speaker-with-Text

- Intrado Revolution compliant
- ADA compliant
- Easy to read multi color LED display
- SIP enabled
- Dual flashers
- PoE for simple installation
- Paging, intercom, clock, visual messaging and emergency alerts
- High quality audio with software volume control
- ShakeAlert® compatible
- Call switch inputs quality
- Quick and easy installation
- Available in black (VL520BK-F-SA), metallic (VL520M-F-SA)
- Indoor use only



*Intrado Revolution compliant
Compact 20-inch wide
dual side mounted flasher*

Description:

The VL520F-SA Intrado Revolution Speaker-with-Text provides high quality voice paging, intercom, clock and customizable visual notification in an all-in-one IP endpoint. Perfect choice for indoor spaces such as cafeterias, auditoriums, gymnasiums, waiting areas and conference rooms.

SPECIFICATIONS

AUDIO OUTPUT

Rating: > 96 dB @ 4ft (1.22 m)
Signal/noise ratio: -70

NETWORK

10/100 Mbps Ethernet
Manual or Dynamic Host Configuration Protocol (DHCP) IP address assignment.
Time and date synchronization using NTP

PROTOCOLS

IETF SIP (RFC3261)
IETF IGMP version 2 or 3 (RFC2236, RFC3376)
IETF RTP (RFC1889)
IETF RTP Payload for DTMF (RFC2833)

POWER REQUIREMENTS

802.3at (Power over Ethernet+ PoE Plus) Class 4

CONFIGURATION METHODS

DHCP Option 72
Static Configuration

FREQUENCY RESPONSE

80 Hz to 15 kHz

AUDIO CODECS

G.711 u-law, others

AUXILIARY RELAYS

Form C Relay rated at 1 A @ 24 Vdc

ENVIRONMENT

Temperature: +32 to +131 °F (0 to +40 °C)
Humidity: 0 to 85% non-precipitating

HOUSING AND FINISH

Aluminum case with black or metallic finish

DIMENSIONS AND WEIGHT

20.38in W x 5.50in H x 2.50in D
(51.80cm x 14.00cm x 6.40cm)

Weight:

VL520BK-F-SA: (Black) 4.60lb (2.10kg)
VL520M-F-SA: (Metallic) 5.95lb (2.70kg)
Shipping Weight: 11.00lbs (4.95kg)

2024 Rev. 2.2.7

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ARCHITECTS AND ENGINEERS

The IP Speaker/Text/Flasher, model VL520F-SA shall be Intrado Revolution compliant. The VL520F-SA shall provide a highly visible message output and voice paging over an Ethernet network. Messages shall be created and delivered from the Intrado Revolution server.

The VL520F-SA Intrado Revolution Speaker/Text/Flasher shall consist of high efficiency speaker, high visibility message display, and dual flashers. Speaker output and LED display can be activated together or separately, Display can operate as a clock, or provide other message during idle periods.

Power is provided to the VL520F-SA via a Power over Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VL520F-SA

shall automatically acquire an IP address (using DHCP) and connect to the Intrado Revolution server when connected to the network and powered up. Information specific to the application shall need to be programmed into the Intrado Revolution server.

The VL520F-SA case shall be constructed of aluminum with a black or metallic finish. The VL520F-SA shall be suitable for indoor applications.

The maximum dimensions shall be: 20.38in W x 5.50in H x 2.50in D (51.80cm x 14.00cm x 6.40cm). VL520BK-F-SA weight shall be approximately: 4.60lb (2.10kg). VL520M-F-SA weight shall be approximately: 5.95lb (2.70kg).

Warranty information may be found on our website at www.valcom.com/warranty.