

# Technical Specifications

## VL520F-IC InformaCast® Speaker-with-Text

- InformaCast® 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-IC), metallic (VL520M-F-IC)
- Indoor use only



*InformaCast compliant  
Compact 20-inch wide  
dual side mounted flasher*

### Description:

The VL520F-IC InformaCast 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

### INFORMACAST CONFIGURATION METHODS

SLP (Service Location Protocol)  
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-IC: (Black) 4.60lb (2.10kg)

VL520M-F-IC: (Metallic) 5.95lb (2.70kg)

Shipping Weight: 11.00lbs (4.95kg)

2022 Rev. 1.9.4

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## ARCHITECTS AND ENGINEERS

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

The VL520F-IC InformaCast 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-IC via a Power over Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VL520F-IC shall automatically acquire an IP address (using DHCP) and connect

to the InformaCast server when connected to the network and powered up. Information specific to the application shall need to be programmed into the InformaCast server.

The VL520F-IC case shall be constructed of aluminum with a black or metallic finish. The VL520F-IC 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-IC weight shall be approximately: 4.60lb (2.10kg ). VL520M-F-IC weight shall be approximately: 5.95lb (2.70kg).

Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty).