VISIPLEX

VS4820
WIRELESS PAGING BASE STATION
Voice Messaging & Emergency Notifications

The VS4820 Wireless Paging Base Station offers a cost-effective way to implement a wireless communication solution for various applications, such as emergency mass notification, voice & data paging, 2-way intercom communication, facility-wide audio/visual alerts and SMS text notifications. With its built-in database, the VS4820 offers users the ability to program up to 1,000 automatic or manually initiated events. These can be activated on a single product, a group of products or all products in a system. Some examples include:

• Playback of pre-programmed voice messages or live-voice announcements on Wireless PA speakers
• Send text messages to wireless LED message boards for highly visible public notifications
• Communicate with facility-wide wireless 2-way intercom stations
• Initiate on-time, schedule-based, break/shift bell alerts for improved productivity
• Activate and control wireless beacon lights for public visual alerts
• Send SMS text messages to cell phones for instant event notification

• Synchronize all on-site wireless analog/digital clocks to one accurate time

Equipped with a built-in commercial band radio transmitter, the VS4820 is ideal as an all-in-one wireless paging solution. This solution provides full RF coverage to communicate and activate devices for up to 300 feet. When a longer range is needed, such as large or multi-building applications, Visiplex offers medium or high-power radio transmitters/repeaters that can extend the radio signal range to a multi-mile radius, essentially covering any type of installation.

The VS4820 offers additional features and options, such as an integrated SMS modem for text messaging and alerts, a serial port for integration with a local building fire alarm system, a built-in WiFi module for interfacing with a local network, hard-wired alarm inputs and a uniquely designed paging handset for improved communication and privacy.

VS4820 KEY FEATURES

AUDIO ALERTS
PA Voice paging and emergency alerts

VISUAL ALERTS
Send text messages to LED boards

BREAK BELLS
Schedule bell tones through PA speakers

2-WAY COMMUNICATION
Select and talk to any intercom in your systema

WIFI ACCESS
Synchronize your time using your local network

LTE INTERFACE
Send text alerts using the optional VS3031
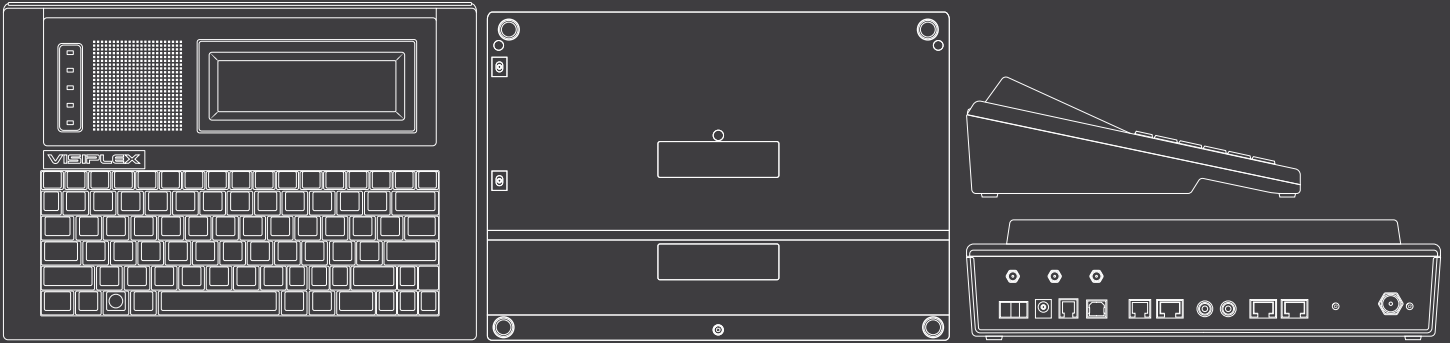
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VS4820 SPECIFICATIONS

Parameter	Description
Color	Off-white body, Black keyboard
Frequency Band	UHF 450-470 MHz
Range	300'
Dimensions	11.9" x 2.5" x 8.7", 302mm x 64mm x 221mm (W x H x D)
Weight	39oz, 1105g
Power	12V DC / 3A (Using 100-240V AC)
Operating Conditions	Temperature 32º-130º, Humidity 0-65% non-condensing
RF Power	1W
Paging Format	POCSAG, 512, 1200 or 2400 BPS
Channel Spacing	12.5 KHz - Narrow Band
RF Connectors	BNC TX antenna, SMA RX antenna, SMA LTE/GPS antenna, SMA WiFi antenna
Data Interface	RJ-45 serial port, Type-B USB port, RJ-45 alarm inputs (7) port
Audio Interface	In & Out RCA audio ports, RJ-9 handset/microphone port
Options	
VS3031	LTE Modem for SMS Messaging
VS3033	GPS Module for Time Synchronization
VS3018	Desktop Paging Microphone for Voice Messaging
Warranty	One Year Limited Warranty