

VS4820 – WIRELESS SYSTEM ARCHITECTURE



VS4820 Wireless Paging Base Station – Offers user-programmable event database, where each event can be initiated manually from the unit keyboard or automatically from multiple sources, such as, wireless panic buttons, alarm inputs, phone lines, serial ports, and audio inputs. Each event can be programmed to wirelessly activate a single or group of Visiplex wireless products, such as: wireless PA speakers, intercom stations, LED message boards, visual alerts, clocks and can also send text or voice messages to phones.

External Radio Transmitter/Repeater – 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 1,000'. When a longer range is needed, such as 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.

EVENT CONTROLLED DEVICES

Wireless Indoor/Outdoor PA Speakers – A variety of wireless PA speakers for playback of pre-programmed voice messages, live-voice announcements, and break bell alerts. Some Visiplex speakers comes with unique add-on features, such as, integrated, multi-colour beacon lights or an LED message board for enhanced visibility when needed.

Wireless 2-Way Intercom Stations – The VS4820 offers 2-way communication with facility-wide wireless intercom stations. These intercom stations can also be used for PA voice messaging and break bell alerts.

Wireless LED Message Boards – Wireless text messaging to LED message boards for highly visible public notifications and public alerts. In addition, these message boards can provide time viewing and offer unique features, such as, integrated PA speakers and power backup batteries.

Wireless Visual Alert Devices – Multi-Colour LED beacon and corridor lights that can be wirelessly activated and controlled from the VS4820 to provide high intensity warning lights and status indications.

Wireless SMS Text messaging & Voice Notification – When equipped with the LTE modem and/or telephone interface, the VS4820 can send instant SMS text messages to pre-defined cell phones or dial out to playback a pre-recorded voice message.

Wireless Time Synchronized Clocks – The VS4820 can be set to send a periodic time synchronization signal to a variety of wireless analogue and digital clocks that provide one accurate time facility-wide.

Wireless 2-way Radios & Pagers – The VS4820 can be equipped with the ability to communicate with 2- way radios, in order to receive calls or send automatic pre-programmed voice messages. Sending text messages to digital alphanumeric pagers can be done from the unit keyboard or as result of a pre-programmed event.

EVENT TRIGGERING SOURCES

Wireless Panic Buttons – Visiplex offers a variety of wearable, portable or wall-mounted wireless panic buttons for instant alerts. Panic button alerts are received by the VS4820 and can then instantly activate a pre-defined event, such as text messaging, voice message playback, visual alert activation, etc.

Hard Wired Event Trigger Sources – The VS4820 can initiate a pre-programmed event from a dial-in phone line, serial port communication with another in-house system, integrated hard-wired alarm inputs, voice-activated messaging by an external audio source, a desktop microphone, etc.



Wireless SMS Text & Voice Notification



Wireless Time Synchronized Clocks



Wireless Visual Alert Devices



Wireless Indoor/Outdoor PA Speakers



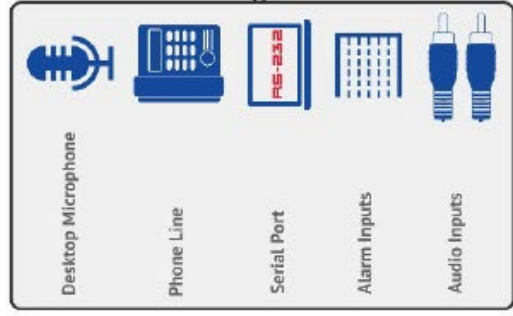
Wireless 2-Way Intercom Stations



Wireless LED Message Boards



Wireless 2-Way Radios & Pagers



Hard-Wired Event Trigger Sources



Wireless Wearable/Portable Panic Buttons



Wireless Wall Mounted Panic Buttons

