



IRIS

Critical Messaging Pager

Purpose built for medical applications

Super rugged construction

Shower proof

Microbial resistant plastic (USP Class VI)

4 line clear backlight screen

Message encryption enabled

Frequency synthesised and user programmable

Alert priority settings



Leaders in aged care technology



“My Vitalcare pagers are an essential part of my teams emergency response. They are much more reliable and robust than any other products I have used” (Director of Nursing)



Vitalcare's Iris pager was designed specifically for the aged care, hospital and critical messaging markets. It is showerproof, shockproof and fully featured for demanding operating environments.

PAGING FUNCTION Pagers have been the backbone of critical messaging for hospital, nurse call and emergency services for over 40 years. They provide reliable low cost text messaging in most environments.

HOW IT WORKS The Iris pager is a high performance digital messaging device. It is programmed with unique electronic serial numbers (CAP Codes) on a radio channel corresponding to a nurse call system, or area wide paging network. Text messages are sent to those CAP Codes and displayed on the Iris's LCD screen.

KEY FEATURES

- Hygiene optimised construction (USP Class VI)
- Showerproof to IP66
- Shock and drop resistant
- Quick message preview
- Encryption capable
- Custom alert on key word
- High bright backlight
- Unread message indicator reminder
- Out of range alert
- Multiple message groups.

TYPICAL APPLICATION Nurse call systems mostly use paging to alert nursing staff of patient call

activations and automated alarms. Messages are sent to pagers within seconds.

Hospitals use paging extensively for alerting medical and administrative staff. Its use is widespread due to fast messaging, low cost, reliability and lack of interference with sensitive medical equipment.

PROGRAMMING The Vitalcare Iris pager is programmed using the Vitalcloud application available through the Apple apps and Google Play stores. Programming options include frequency, CAP Codes, function codes, message formats and a customised screen display showing the facility or user name. Advanced features including key word alerting and unique alert tones. Programming access is password protected.

SYSTEMS INTEGRATION Iris works on all POCSAG paging and reputable nurse call and critical messaging systems. All functions of the Iris pager are supported on the Vitalcare Daisy nurse call system, including priority alerts, mail drop and message encryption.

Specifications

Paging Protocol	POCSAG	Battery Life	Typically 60 days (10 calls per day)
Operating Frequencies	135-174, 406-520, 929-932MHz (synthesised)	CAP Codes	8 unique codes frame independent
Bit Rate	512/1200/2400 BPS (POCSAG)	Message Length	500 characters (configurable)
Sensitivity	Better than -110dBm	Message Memory	30,000 messages
Channel Spacing	25KHz/12.5KHz	Alert Tone	Programmable for each CAP Code & Function Code
Modulation	FSK NRZ	Alert Loudness	88dBc @ 30 cm (12 inches)
Selectivity	Better than 60dB	Programming	Bluetooth via Vitalcloud Application and OTA (over the air)
Spurious and Image Rejection	Better than 50dB	Size	72mm x 52mm x 18mm
Deviation	+/-4.5KHz	Screen Size	4 line (22 x 4 characters) 2 line 18 x 2 characters proportional)
Frequency Stability	5 ppm	Weight	70 grams with battery
Operating Temperature	-20 to 60 degrees C	Certifications	FCC, CE, RoHS, REACH,
Battery	Single AA Alkaline (recommended)	Environmental	IP66 rated

About Vitalcare

Vitalcare has pioneered nurse call systems for over 30 years. The company designs, manufactures, installs and services the most innovative systems available through an international network of company owned branches and authorised distributors. Vitalcare uses IoT (internet of things) technology in its two-way waterproof pendants and call points along with cloud integration for advanced reporting, supervised maintenance and data analysis. Vitalcare is the industry's most trusted brand.

Contact

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