

Product Sheet

Alpha Legend Secure Dual Pager

19-21-0156

Alpha Legend Secure Dual VHF is a new dual-frequency alphanumeric pager, designed to operate seamlessly on your on-site system for rapid response while automatically switching to the carrier system for comprehensive wide-area coverage.



Product code
19-21-0156

Key Features

- » One frequency can be prioritized as the primary receiving channel or continuously scanned while using the other frequency to receive messages.
- » Automatic frequency determination by the pager or manually selecting the optimal frequency for your site.
- » 4 Line or 2 Line text zooming
- » 20 Alphanumeric characters per line
- » EL backlight and a brightness sensor that automatically adjusts the backlight
- » 7 alert modes selectable (standard, escalating, vibrating, intermittent vibrate, vibrating and alert, vibrating then alert, chirp, and silent)
- » On/Off duty receiving mode
- » Duplicate message detection

Applications

Public Safety

- » Police departments, fire stations, and emergency response teams can rely on this pager for critical communication during emergencies and operations.

Healthcare

- » Hospitals, clinics, and medical facilities can utilize this pager for secure messaging between healthcare professionals and staff members.

Security Services

- » Security companies and agencies can employ this pager for communication between security personnel and management, ensuring efficient coordination and response.

Education

- » Schools, colleges, and universities can employ this pager for campus security alerts, administrative communication, and coordination among staff members.

Logistics and Transportation:

- » Logistics companies, transportation hubs, and freight services can benefit from this pager for communication between drivers, dispatchers, and management.

Technical Specification

Numeric VHF Pager 19-21-0156

Frequency Range	137-143 MHz, 143-153 MHz, 152-164 MHz, 163-174 MHz
Baud	512 / 1200 / 2400
Code format	POCSAG (CIR No.1 NRZ FSK)
Paging sensitivity (µV/m)	Baud 512 : ≤ 5.7 / Baud 1200 : ≤ 8 / Baud 2400 : ≤ 10.3
Selectivity	≥60 dB
Spurious and Image Rejection	≥50 dB
High Level Intermodulation	+3 dB > 50 dB
Frequency Stability	≤ +/- 15 ppm
Channel spacing	25 KHz
Receiver type	Synthesized
Address Capability	Legend: 16 RIC (64 subaddresses) Elegant: 8 RIC (32 subaddresses)
Frequency Deviation	+/- 4.5 KHz
Alert Tone SPL	> 80 dB @ 12 inches (2730 hz Standard Alert)
Operating Temperature	+5° to +40°C
Storage Temperature	-40° to +85°C
Power Supply	Single AA Alkaline Battery, 1.5 V
Battery Life*	Baud 512: 62 days / Baud 1200: 54 days / Baud 2400: 45 days
Low Battery Alert Level	1.24 Volts (Programmable)
Weight with Battery	87.5g (3.1oz)
Dimension	81.0 X 55.0 X 18.5 mm (3.19" X 2.16" X 0.73")

* Estimated battery life is based on full battery capacity and 2 pages per day

NB: All specifications and applications are indicative only and subject to change without prior notification.