



## The Unication M90 offers the latest in advanced 2Way messaging features.

- ▶ Compact size: 3.25" x 2.20" x 0.95" 3.5 ounces.
- ▶ Full 39 key Qwerty keyboard.
- ▶ 4 way navigation to easily compose, read or send messages.
- ▶ Keyboard and display backlighting for use in low light conditions.
- ▶ High resolution display.
- ▶ 8-line to 5-line display zoom.
- ▶ Choice of alert tones and vibration alert.
- ▶ Two independent alarm clocks.
- ▶ User configurable private time.
- ▶ Rugged clamshell design.
- ▶ Rechargeable Lithium Polymer battery. (charger included)
- ▶ Address book with up to 250 contacts or groups.
- ▶ Search addresses by name.
- ▶ PC serial cable for address book and data backup.
- ▶ News and information services.
- ▶ Alert Silence button accessible when cover is closed.

## Performance Specifications

TRANSMITTER	
Frequency Band	896-902 MHz
Channel Spacing	12.5 kHz in 6.25 kHz steps
Bit Rate	800, 1600, 6400 & 9600 bps
Signaling	4 level FSK
Frequency Deviation	+/- 800 Hz and +/- 2400 Hz
Emissions	Meets Narrowband PCS FCC part 24D
Frequency Stability	+/- 0.5 ppm
Power into Antenna	1 Watt
Transmit EIRP	330mW, vertically polarized (holster orientation)

GENERAL	
Size	3.25" x 2.20" x 0.95"
Weight	3.5 oz. (100 g)
LCD Resolution	204 x 64 pixels
Viewing Area	2.4" x 0.75" (60 x 20mm)
Operating Temperature	32° F to 122° F (0° C to 50° C)
Storage Temperature	4° F to 140° F (-20° C to 60° C)
Protocol	ReFLEX 2.7

RECEIVER	
Frequency Band	929-941 MHz
Channel Spacing	10 kHz and 12.5 kHz
Bit Rate	1600, 3200, and 6400 bps
Frequency Deviation	+/- 800 Hz and +/- 2400 Hz
Spurious Emissions	Meets FCC 47 CFR part 15 requirements
1 MHz Blocking	78 dBc
Image Rejection	43 dBc
Spurious Rejection	>55 dBc typical beyond alternate channel
Selectivity	50 dBc @ +/- 25 kHz
Signaling	4 level FSK