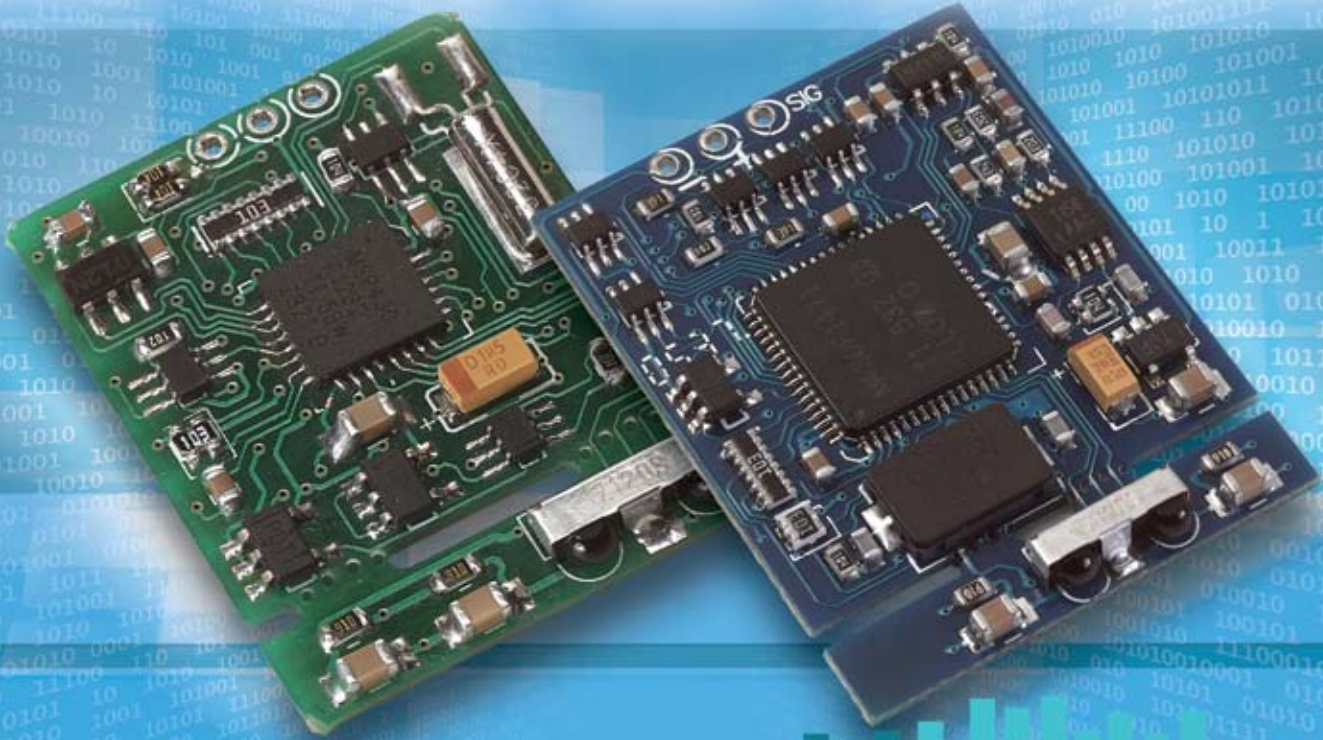


Always Know Who You're Talking ToSM with the **CIM-1000 and CIM-2000**



MDC-1200® or GE-STAR® Encoders and Decoders

Features that Give You Added Power

The new CIM Series of boards will provide MDC-1200 or GE-STAR signaling capability for mobile and portable radios. The 1000 series encodes: PTT ANI, Emergency and Man-Down messages while the 2000 series adds the capability to decode call-alerts, radio checks, mike monitor and radio enable/stun. The CIM Series is Trunking compatible and is easily programmable with either the low-cost serial cable or handheld IR programmer.

Kenwood Plug-In Modules

CIM-1000K boards are available that will plug into the new Kenwood model radios.



934 S. Andreasen Drive Suite G | Escondido, CA 92029

800-487-7184 | 760-738-3282

www.cimtechcorp.com | Email: sales@cimtechcorp.com

CIM-1000

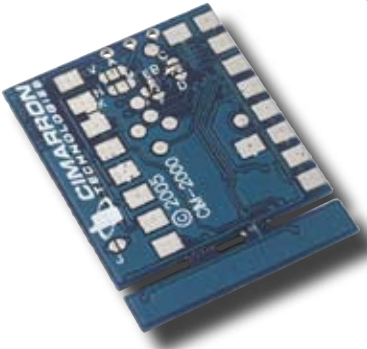


- User-programmable for MDC-1200 or GE-STAR
- Contains the complete MDC-1200 ID-set
- Emergency and Man-Down messages
- Dual-ID capable
- Very low power consumption
- Capable of zero attack delay for the fastest possible encode
- Programming with a handheld IR programmer or low cost serial cable
- Size: 17mm x 18mm x 2.0mm (without IR Prog)



CIM-2000

Now do in two-way radios what you haven't done before!



- MDC-1200 or GE-STAR encode and decode
- Responds to the following over-the-air commands:
 - > Microphone monitor
 - > Radio interrogate
 - > Select, group or all calls
 - > Enable or disable command
- Very low power consumption
- Capable of zero-second attack delay and continuous data
- Programming with the handheld IR programmer or low-cost serial cable
- Size: 25mm x 23mm x 1.8mm (without IR Prog)



All models come with a three-year warranty. Factory installation is available.

Data Format	GE Star®	MDC-1200®
Modulation Type	PSK (Phase Shift Key)	FSK
Rate	400 bps on 1600hz carrier	1200/1800 Hz
ID Range	0001 to 16,383	0001-DEEE
ID Locations	ANI at Beginning, End or Both	
Messages	PTT ANI, Emergency, Man-Down, TOT. Programmable to any allowable GE Star® message.	PTT ANI, Emergency. Programmable to any allowable MDC message bit pattern.
Sidetone	3.3VPP Square wave audible tones. Time Out Timer Notification Tone 515 Hz Emergency and Man Down Warnings 400 Hz Go-Ahead Tone 1.4 Hz Courtesy Tone 650 Hz	
Burst Length	280mS plus preamble time.	Fixed length 180mS
Preamble Length	16/24/32/40/48/56 bits. (Each bit adds 2.5mS)	Fixed length
Attack Delay	0 mS to 1000 mS programmable in 10 mS steps.	
ANI Repeat Timer	(Time since last PTT press. If less, don't send ANI) Programmable 0 S (Send every PTT); 0 to 255 S.	
Supply Voltage	3.3 to 3.6 VDC regulated or 4.0 to 16.5 VDC unregulated	
Supply Current	5 mA constant.	
Temperature	Operating: -30°C to +60°C.	
Humidity	0% to 95% RH (non-condensing).	
Dimensions	CIM-1000: 17mm x 22mm x 2.7mm CIM-1000: 17mm x 18mm x 1.8mm (without IR Programmer Tab) CIM-2000: 30.0mm x 23.0mm x 2.7mm CIM-2000: 25.0mm x 23.0mm x 2.0mm (without IR Programmer Tab)	