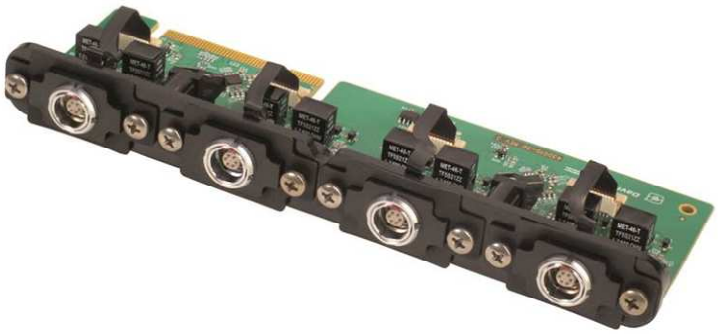
Digital Intercom System
Model U9104
Quad Radio Card

On land or at sea; for facilities or mobile platforms; in harsh, noisy environments or in quiet areas over long distances; for single or multi-channel communication; with wired security and wireless mobility, the Series 9100 Digital Intercom System provides communication clarity for the working world.

The U9104 Quad Radio Card Module provides system users connectivity and software-enabled access to up to four (4) mobile radios, significant expanding interface capabilities in one efficient package.

With a waterproof, shock/vibration resistant modular design, it ensures the reliability and integrity of critical communication needs.



P/N: 44003G-03

WHAT IT HAS…	HOW IT HELPS…
4 each Radio connections	Enables one, two, three or quad-radio interface capability, while software parameters define who hears what, as well as individual transmit capabilities
Waterproof connector design	IP-68 rated (mated or unmated), providing worry-free reliability in any kind of environmental conditions or situations
Stainless steel installation hardware	Ensures secure module installation to the U9100 Master Station in a corrosion-resistant fashion suitable for harsh marine applications
Modular design	Intuitive configuration allows for greater system versatility, and enables expedited repair/replacement scheme to keep your system up and running
Shock/vibration-proof construction	Installation design on/within the U9100 Master Station ensures dependability with superlative kinetic absorption, providing reliability for critical communication needs in harsh mobile applications

Dante™

Dante™ by Audinate™ is the industry-leading digital media networking technology, affording the transport of multi-channel, ultra-high-quality voice and data over CAT5e cable. Its software-enabled network control provides a quick and simple methodology for system set-up, routing and applicable device monitoring, providing the perfect bridge for the David Clark digital communication system not only within it's own physical platform, but with other Dante™-enabled devices and standard IP networks.

U9104 - Technical Data

PHYSICAL	
Weight	4 oz. (113g)
Dimensions (general)	5.125"L x 3.75"W x 2.5" D
System Connection Scheme	Installation to lid of U9100, slot card interface to main PCB

ELECTRICAL	
Power	PoE (802.3af), from U9100
Radio Connectivity	Via C91-20RD Radio Interface Cable (4 each max)

MECHANICAL	
Mounting Method	IP67 seal to U9100 lid, via stainless steel sealed screws
Connector Materials (including assembly nut)	Copper alloy (shell, nut, ground pin and contacts); chromium-plating (shell, nut); gold plating over nickel (contacts); tin plating (ground pin), synthetic resin insulator and synthetic rubber gaskets

COMPLIANCE	
	MECHANICAL
Ingress Protection	IP-67, per IEC 60529 as properly installed (connectors, IP68)
Operating Temperature	-40° to 185°F (-40° to 85°C)
Storage Temperature	-40° to 158°F (-40° to 70°C)
Aggravated Humidity	Per MIL-STD-810G
Functional Shock	Per MIL-STD-810G
Operational Vibration	Per MIL-STD-810G
Blowing Sand	Per MIL-STD-810G
Blowing Dust	Per MIL-STD-810G
Salt Fog	Per MIL-STD-810G

	ELECTRICAL
Immunity to DC Power Line Transients	Per EN 301 489-1 (ISO 7637-2)
Radiated and Conducted Emissions	Per EN 301 489-1, FCC, Part 15
Electrostatic Discharge	Per EN 301 489-1
Radiated Immunity	Per EN 301 489-1
Electrical Fast Transient Burst	Per EN 301 489-1
Conducted Immunity	Per EN 301 489-1

Patents: 10389884, 10237415, 10397408

David Clark Company Incorporated
360 Franklin Street, Box 15054
Worcester, MA 01615-0054
Phone: 508-751-5800 Fax: 508-753-5827
www.davidclark.com