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 U9101 Switch Card is the main connection point between the U9100 Master Station and system endpoints (Headset Station and Wireless Gateway), providing all users access to the Digital Intercom network and all additional interface connections such as two-way radios, existing IP networks and other common ancillaries.

With a waterproof, shock/vibration resistant modular design, it ensures the reliability and integrity of critical intercom and inter-device communications.
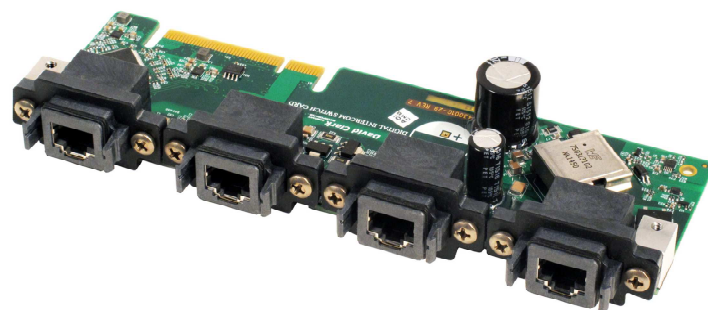
P/N: 44003G-01

WHAT IT HAS...	HOW IT HELPS...
Ethernet switch	Enables simple, secure connection to intercom, IP network and associated ancillaries through packet switching to receive, process and distribute all system communications
4 each IP-68 sealed ethernet sockets	Provides out-of-the-box connectivity for a combination of up to four (4) Headset Stations or Wireless Gateways, offering superior dust and water ingress when mated for worry-free installations in the most demanding environments
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 simple system expandability, 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^tm by Audinate^tm 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^tm-enabled devices and standard IP networks.

PHYSICAL

Weight	4 oz. (113g)
Dimensions (general)	4.5"L x 0.8125"W x 5.75"D
System Connection Scheme	Installation to lid of U9100, slot card interface to main PCB

ELECTRICAL

Power	PoE (802.3af), from U9100
Radio Connectivity	See U9102 or U9104
Auxilliary Connectivity	See U9102

MECHANICAL

Mounting Method	Fasten to U9100 lid via stainless steel machine screws
Ethernet Socket Material	Black liquid crystal polymer, with phosphor bronze contacts and rubber seals at socket and screws

COMPLIANCE

	MECHANICAL
Ingress Protection	IP-67, per IEC 60529 as properly installed (connectors, IP68)
Operating Temperature	-40° to 185°F (-40° to 85°C), per MIL-STD-810G
Storage Temperature	-40° to 158°F (-40° to 70°C), per MIL-STD-810G
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 (Electromagnetic Fields)	Per EN 301 489-1
Electrical Fast Transient Burst	Per EN 301 489-1
Conducted Immunity	Per EN 301 489-1

Made in USA