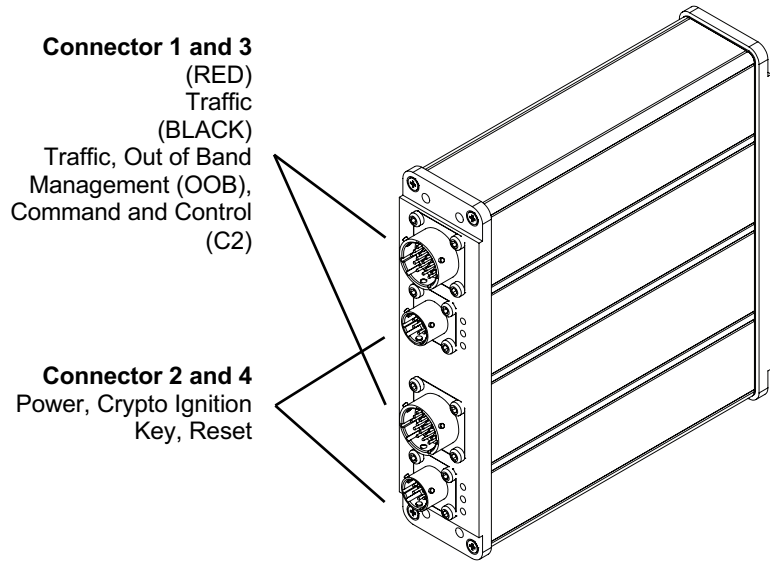


KEYSPACE TECHNOLOGY – S100-202

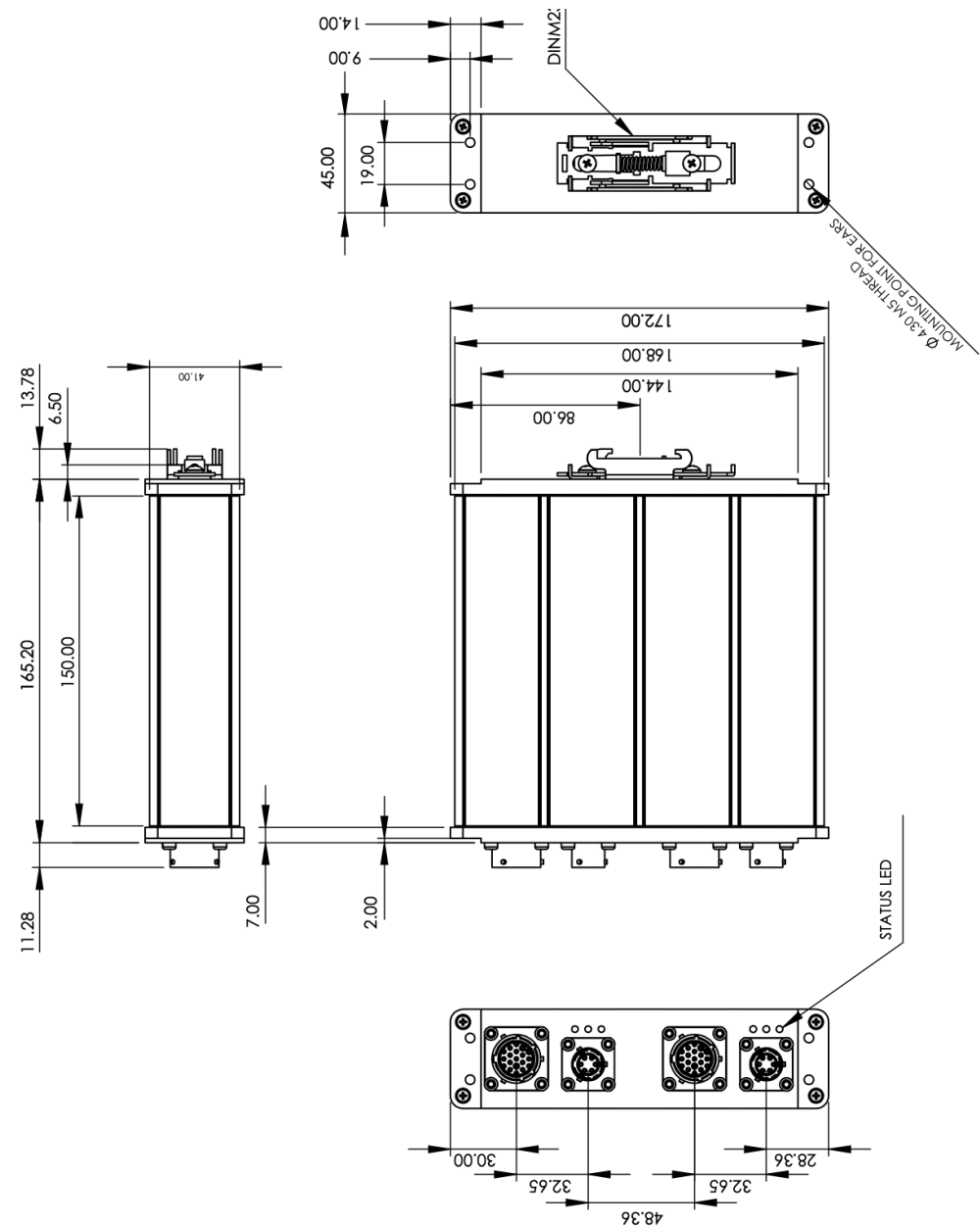
BLUESKYTEC

Dual M12m Redundant Endpoint Protector for harsh environments with potential for corrosive and saltwater saturation.

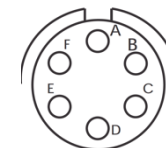
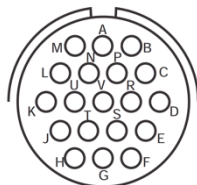


Ingress Protection Rating	IP67
Dimensions (H x W x D)	172mm x 45mm x 176.48mm
Weight	1.2kg
Max Power Consumption	8W
DC Input Voltage (Max Range)	9.6 to 60 VDC
DC Input Voltage (Nominal)	12, 24 or 48 VDC
Voltage In-rush	MAX 4A
Grounding	Chassis Lug
MTBF	1,592,686 hours
Mounting	DIN or Custom via 4x M5
Ventilation	Passive Dissipation
Min Clearance	2mm
Operating Temperature	-40C to +95C (Sealed Enclosure)
Operating Altitude	Up to 15,000 feet (4570 meters)
Humidity	5 to 95% (noncondensing)
EMC	CFR 47 Part 15B, ICES003
EMI	EN61000-4-X, CISPR16-4-2

Specifications subject to change – non ruggedized specifications shown.



Connector 1 and 3		Connector 2 and 4	
RED / Plaintext		BLACK / Ciphertext	
Traffic		Traffic + Out of Band (OOB) Management (C2)	Power + Crypto Ignition Key (CIK)
Amphenol 62GB-12E14-19PN		Amphenol 62GB-12E10-06PN	



A	GND	Ground				GND	Chassis
B			TX+	Ethernet 10/100	Traffic	PWR	Primary
C			TX-	Ethernet 10/100	Traffic	PWR	Secondary
D			RX+	Ethernet 10/100	Traffic	TX	CIK
E			RX-	Ethernet 10/100	Traffic	RX	Debug
F	GND	Chassis					Reset
G	RX-	Ethernet 10/100	Traffic				
J			RX-	Ethernet 10/100	00B C2		
K			RX+	Ethernet 10/100	00B C2		
L			TX-	Ethernet 10/100	00B C2		
M			TX+	Ethernet 10/100	00B C2		
N	TX+	Ethernet 10/100	Traffic				
P	TX	SERIAL	TRAFFIC				
R	RX	SERIAL	TRAFFIC				
S	GND	Ground					
T	RX+	Ethernet 10/100	Traffic				
U	TX-	Ethernet 10/100	Traffic				
V	GND	Ground					



D4147T01

D4147T01



CONNECTIVITY

- Default pin-out for Internet Protocol (IPv4) and Serial communication over Ethernet and Cabled connections – additional signal types and configurations are possible.
- Communication speeds and physical connection type determined by final IC configuration; default values shown.
- Serial connectivity includes MIL-STD1553, (2x) RS232, (1x) RS422, (2x) RS485, (2x) CAN

CAUTIONS:

- Operating temperatures exceeding 60°C are not covered by the product safety certifications and approvals.
- Derate max operating temperature 1.5°C per 1000 feet above 5000 ft
- IP67 compliant only when all IP67 cables are mated and torqued appropriately or with the supplied dust caps attached.