



ALIENSGUARD®
PRIVATE & PROTECTED

AG-ORCA-1G CYBER SECURITY SOLUTION

PRODUCT DETAILS

CYBERSECURITY TECHNOLOGY

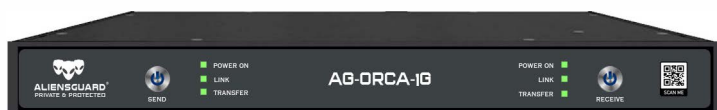
AG-ORCA-1G provides hardware-enforced, assurance, high-availability, single direction security that securely transfers data within network. Designed for all enterprises, the AG-ORCA-1G can transfer the data from 25Mbps to 1000Mbps.

DATA DIODE

A data diode is a hardware enforced cyber-security solution that ensures one-way data transfer between two networks. Data diodes are most commonly used in high security environments such as defence and military operations. The AG-ORCA-1G is a multi-purpose, easy mountable cybersecurity solution designed to create a protection layer around plants. Designed for more demanding industrial control applications, the AG-ORCA-1G supports software interfaces (connectors) to a broad range of applications that generate business critical data (sensor information, data points, database details, alarms, etc.). That data is securely transferred to the business network and used for remote monitoring and/or control of industrial equipment, assets, processes and events.

FAST, SECURE & EASY INTEGRATION

AG-ORCA-1G provides high speed data transmission between systems. Designed to protect the industrial control systems found at refineries, substations, plants, pumping stations, manufacturing facilities, etc. It is easily mountable in 1U rack and take less efforts in installations.



Note: Images are for illustration only

DATA DIODE SPECIFICATIONS

PROTOCOLS

SYSLOG UDP (SYSLOG over UDP)
SYSLOG TCP (SYSLOG over TCP)

NETWORK CONNECTIVITY

2 1G BASE-T Ports

OPERATING ENVIRONMENT

Operating Temperature Range : 5°C - 35°C (41°F - 95°F)
Non-Operating Temperature Range : -40°C - 70°C (-40°F - 158°F)
Operating Relative Humidity Range : 8% - 90% (non-condensing)
Non Operating Relative Humidity Range : 5% - 95% (non-condensing)

POWER SUPPLY

Power Efficiency : 93%
Total Output Power & Input : 350W with Input 100 - 240Vac
AC Input Frequency : 50-60Hz
-12V : Max: 0.2A / Min: 0A
+12V : Max: 29A / Min: 0.5A (100Vac - 240Vac)
+5V : Max: 15A / Min: 0.2A
+3.3V : Max: 12A / Min: 0.2A
+5Vsb : Max: 3A / Min: 0A

REGULATORY (POWER SUPPLY)

Power Supply Safety / EMC : BSMI
: CCC
: CE/EMC
: FCC class B
: TUV/CB

SYSTEM COOLING

Fans : 2x 4cm counter-rotating PWM fan(s)

MOUNTING TYPE

1U Rack Mount

CHASSIS DIMENSIONS

Height : 1.7" (43 mm)
Width : 17.2" (437 mm)
Depth : 14.5" (368 mm)
Gross Weight : 14 lbs (6.35 kg)
Net Weight : 11 lbs (4.99 kg)
Packaging (W x H x L) : 22" (559 mm) x 6.3" (160 mm) x 20" (508 mm)

FRONT PANEL

Button : Power On/Off button
System Reset button
LED : Power status LED
HDD activity LED
2 Network Activity LEDs
Fan Fail/System Over Heat LED

ADMINISTRATION

VGA port for monitor
USB ports for keyboard and mouse



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