570-0203

ApolloN

DESCRIPTION

Modern technology that is installed in unmanned technical locations depends much more on environmental
factors than ever before. ApolloN is specially designed to detect and monitor environmental factors within a critical
infrastructure and provides a complete solution in combination with the ASM Suite Software for monitoring these
technical locations.

FEATURES

Easy on-site installation, no local configuration

Plug and play; prefabricated cabling

Flexible, practical and cost-efficient

Energy-saving technology

RJ45 connectivity

Fits into 19 or ETSI rack

Central management (SNMP)

ApolloN: Non-stop security

ApolloN provides non-stop, 24/7 security and monitoring. ApolloN particularly proves its services in the following market segments:

- Telecommunications
- Infrastructure & main ports
- Water management
- Drinking water
- Energy

ApolloN offers Access Control, Intrusion Detection and Monitoring (such as temperature, shock, water leakage, fire and humidity).

Access control

In contrast to normal offices and buildings, nobody is inside at the unmanned locations. Access to these
locations is only necessary for scheduled maintenance, expansion or during a calamity; so it is good practice that no one has rights to access except in the mentioned situations. By regulating access in this way, the risk of pollution, improper use, unplanned or undocumented modifications to the environment or the installation are significantly decreased.

Intrusion Detection and Monitoring

Monitoring the environmental factors is especially important in unmanned locations, since temperature, humidity, air flow, leakage, intrusion and fire directly affect the lifespan and reliability of the installation. By reporting deviations and alarms the system helps in preventing failures and damages and reduces operational costs. The sooner problems are detected, failures and losses can be prevented.

Housing

Description	19 inch, 1HE powder coated zincor housing
Measurements	436 x 44.2 x 245 mm (W x H x D)
Weight	3,0Kg

Controller

Ethernet	10Base-T/100Base-TX /1000Base-T
Management information	SNMP and iProtect

Power

Power consumption (no load)	76.8W
Voltage	90-264VAC
Current	1.5/115VAC 1A/230VAC
Frequency range	47 ~ 63Hz
Fuse	2A/T
Type	IEC, C14

Environment

Operating temperature	-20°C to +70°C at sea level (refer to output load de-rating curve)
Working humidity	20 ~ 90% RH non-condensing

Certifications

CE compliant EMC	EN 55022 (2010) + AC (2011), class B
	EN 61000-3-2 (2006) + A1 (2009) + A2 (2009)
	EN 61000-3-3:2008
Immunity	EN 55024:2010
Low Voltage (Product safety)	EN 60950-1 (2006) + A11 (2009) + A1 (2010) + A12
	EN 60950-1 (2006) + A11 (2009) + A1 (2010) + A12
Digital output	max. 28V/1A; Open collector output; sinked current

Mainbord

Indicator	RGB status LED
Console (OTG)	1x USB (Micro)
Display connection	1x HDMI (Micro)
Sensor	1x Max. 10x kpSensor (T/H)
General perpose	1x RS232/RS422/RS485
Communication port	2x USB Version 2.0 Type A

Extension Board

Reader interface (1)	RS485 / Wiegand / Clock-Data	12 VDC / 300 mA
Door Lock Interface (1)	Digital Input (3)	28 VDC max / 1A max
	Digital Input / Output (1)	28 VDC max / 1A max
	Door Lock Control (1)	12 VDC / 24 VDC Selectable 1,5 A max.
ADC Ports (3)	Monitored input (1)	0-60K Ohm 28VDC max.

Specs

Extension Board

	Digital Output (1)	28 VDC max / 1A max.
Digital I/O Port (2)	Digital Input / Output (2)	28 VDC max / 1A max.
Dry Relais Output (1)	Dry Contacts (2)	NO / NC / 1A max.

Indicators

LED	GB status LED

RELATED

Apollo
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Sirius IPR-I80-MDF
Sirius i80

Sirius IPR-I80P-MDF
Sirius i80p card reader pin pad MIFARE/DESFire