ASM-AP-X

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		
Safety (LVD)	EN IEC 62368-1:2020+A11:2020 - Audio/video, information and communication technology	
	equipment - Part 1: Safety requirement	
CE compliant EMC	EN 55032:2015+A11:2020 - EMC of multimedia equipment, emission requirements (Class B)	
	EN 61000-3-2:2014 - Limits for harmonic current emissions	
	EN 61000-3-3:2013 - Voltage fluctuations and flicker	
	EN 50130-4:2011 - Alarm systems, immunity requirements CCTV and other systems	
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.

Specs

Extension Board		
ADC Ports (3)	Monitored input (1)	0-60K Ohm 28VDC max.
	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	


Apollo®


Apollo N
SENSOR
STATUS
HDMI
OTG
SERIAL
DOOR
A1
A2
A3
STATUS
READER
D1
D2
O1


Apollo N
STATUS
HDMI
OTG
SENSOR
SERIAL
DOOR
A1
A2
STATUS
READER
D1
D2

RELATED



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Sirius IPR-I80-MDF
Sirius i80



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