JUNO

IoT Controller

DESCRIPTION

Street cabinets without power or connectivity. Until recently, there was no control of these locations in the day-to-day management of these technical areas. With the
advent of the TKH Security JUNO controller, the status of a passive location is always known.

FEATURES

- Managing unmanned locations in critical environments
- Determine the status at any given point
- Combines access management and monitoring
- Especially for street cabinets without power or connectivity



JUNO smart controller with IoT technology

Juno combines access management and monitoring of environment variables. It enables operations managers of critical infrastructures to check the status of their locations remotely. JUNO measures the temperature and humidity in the street cabinet, checks whether the cabinet still stands in an upright position, and it also monitors water on the floor and the position of the door. So you’re always totally in control!

JUNO is a powerful, future proof solution that offers site managers complete control

Managing unmanned locations in critical environments, such as telecom and utility services, is increasingly subject to European regulations. It must be possible to determine the status of these locations at any given point in time. The control and granting of access must take place automatically and remotely from an efficiency point of view.

Housing	
Dimension(LxBxH)	190x135x44 mm
Weight (no battery)	
IP-rate	IP54
Materia	ABS Terluran GP22
External power supply	
Voltag	513,6VDC
Current	1A
Battery	
Technology	Lithium-Thionyl Chloride
Power	3,6V
Bluetooth	
Supports	Version 5.0
Band	2,4 GHz ISM 2402 ~ 2484
LPWAN	
Technology	LoRaWAN
	NB-IoT *
	LTE-M *
Card socket	
Type	Micro-SIM *
Antenne	
Type	SMA plug 824 ~ 960 / 1,920 ~ 2,170 GHz *
	433MHz /868MHz /915MHz
Onboard sensor	
Temperature/ Humidity sensor	Fully calibrated, linearized, and temperature compensated
	Range: -40°C to 90°C and 10% to 90% Accuracy tolerance: 2%RH and 0.3°C
Tilt detection	Tilt X, Y, Z
Lock connection	
Connector type	RJ45 Unshielded
Digital input	3
Lock output	3,6V Max. 100 mA
Indicator (LED)	3,6V
Input-Output Specifications	

Specs

Input-Output Specifications		
1	PC power	External DC power connection 5 - 13,6V DC
2	Electronic lock	EMKA low power lock (art.nr.1317-U00155-00000BO)
3	Antenna	LTE | NB-IOT
4	Antenna	LoRa
5	not defined	ADC
6	Water leak sensor	External input analog
7	not defined	Eternal output
8	Door contact	External input digital | normally open











RELATED



iProtect 571-0500
iProtect Site Software



Apollo ASM-AP-X
ApolloN



Apollo 570-0001
Apollo controller 230V