






TECHNICAL SPECIFICATIONS

CONNECT MODULE

Alarm signals	8-inputs on/off + Tamper
Transmission of alarms	Dynamic radio mesh network to radio coordinator or by RS 485 wire network
Radio frequency	Frequency band 915 MHz Selectable channels (906-924 MHz) LORA modulation 
Encrypted radio network	Secured protocol (AES encrypted)
Power supply	4 Vdc – 26 Vdc range (10mw under 4 Vdc consumption)
Operating temperature	-35°F to +158°F (-35°C to +70°C)
Electromagnetic compatibility	FCC approved
Local wireless configuration via Smartphone applications	Applications available for smartphones :  

RADIO CONNECT COORDINATOR

Alarm transmission	MAXIBUS Universal compatible with RS485
Configuration tools	Embedded HTML server
Power supply	12 Vdc (40 mA)
Operating temperature	-35°F to +158°F (-35°C to +70°C)



Perimeter Intrusion Detection Systems

CONNECT MODULE

Connection and Alarm Centralization System for intrusion devices



The CONNECT Module enables the connection of any alarm sensor to the MAXIBUS through a secured dynamic radio network or a wired RS485 bus.

The CONNECT module is compliant with all dry contact outputs. MAXIBUS Universal becomes the unique interface to manage all alarm devices on site.

Product Strengths

- Quick and simplified deployment
- Recovery and centralization of all the alarm signals by radio or wired network (depending on the site)
- A true evolution of the perimeter intrusion detection system



Seal of the retailer

In order to continuously ensure the high standard of quality and performance of our products, we reserve the right to modify the present technical data without notification.



CONNECT MODULE

Centralization

MAXIBUS Universal is the unique interface for the management of all perimeter intrusion detection systems onsite.

INSTALLATION

- Dynamic mesh network
- Alarm outputs :
 - Up to 136 dry contacts
 - MODBUS TCP protocol
 - New SDK for integration to VMS

MAINTENANCE

- Records last 1000 events by detection system interface
- Integrated web server

Simplicity

Secured configuration with Smartphone applications

- Configuration of alarm inputs
- Playback of local records



CONNECT radio coordinator

Example of the establishment of products connected to the MAXIBUS Universal via the radio network of the Connect Module

Security of the radio network

All CONNECT modules form a secure mesh radio network using DRN technology

- Encrypted radio network: data security
- Watch-dog: Permanent monitoring of CONNECT modules on the radio network
- Unique identification of alarm messages
- Dynamic radio mesh network

Upgradable

Expand and upgrade existing sites without civil engineering costs.

- Coordination of alarm signals of relay output detectors with existing detection systems onsite
- Site expansion without costly infrastructure costs

