



TECHNICAL SPECIFICATIONS	
CONNECT MODULE	
Alarm signals	8 T.O.R inputs+ Autoprotection
Transmission of alarms	Dynamic radio mesh network to radio coordinator or by RS 485 wire network
Radio frequency	19 radio channels spread out over 3 bandes : 865 Mhz – 868 Mhz 15 channels 868 Mhz – 868,6 Mhz 3 channels 869.7 Mhz – 870 Mhz 1 channel LORA modulation
Data encryption	AES encrypted T.D.M.A
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	Adheres to North America FCC Certification
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

MODULE CONNECT

Connection and Alarm Centralization System for intrusion devices



The CONNECT module enables the connection of all types of detection alarms to the MAXIBUS Universal hub through a secured dynamic wired radio network (DRN) or wired RS485 network.

The CONNECT module is compatible with a full range of dry contact outputs. MAXIBUS Universal becomes the unique interface to manage all perimeter intrusion devices onsite.

Product Strengths

- Quick and simplified deployment
- Recovery and centralization of all the alarm signals by radio or wire network (depending on the site)
- Secure relay of alarm signals
- 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.



MODULE CONNECT

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 SDI

MAINTENANCE

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

Reliability

The CONNECT module enables the simultaneous creation of :

- A D.R.N. radio network
- A RS485 wired network

These two modes of communication can be used independently or simultaneously to ensure redundancy.



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

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

- Security : Encrypted proprietary PROTECH radio protocol : AES encrypted T.D.M.A.
- 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

