

Wireless Object Protection during opening hours



Piccolo comes with a variety of detectors

Alarm-receivers pick up wireless signals from the detectors

From a regular PC you can monitor alarms



combiSpot is here placed behind the frame of a painting of newer date. CombiSpot's seismic sensor is adjusted to a high level in order to react to any vibrations. If the painting is touched combiSpot sends a wireless signal.

All alarm receivers in the individual rooms are connected in a network.

The alarm receiver network is connected to a central unit and PC that log and display all incoming alarms.

Dependig upon the surroundings and the building one receiver per room is normally enough.

Once the alarm receivers and detectors are installed the objects can be moved freely in the building, e.g. change location of a painting from a temporary exhibition.



infraSpot is here placed on the wall behind an antique painting. To avoid mounting on the painting itself, infraSpot is fastened to the wall. Measuring an accurate distance (0-4 cm) between the wall and the painting, infraSpot sends a wireless alarm signal if the painting is removed.

With Piccolo you don't have to build a fortress to secure works of art - allow visitors to experience the object at close hold



ultraSpot is here placed in the corner of a vitrine with jewels. Monitoring all movements in the area, ultraSpot sends a wireless alarm signal if any entry is attempted.



Piccolo®

Technical specifications

Additional modules:



Piccolo can be connected to detectors that function as interface between an external sensor and the wireless system, e.g. an inSpot with two input channels. By short-circuiting between the screw terminals an alarm will be sent.



Piccolo extension module/I/O-interface with 8 potential free relay-outputs (C, NC, NO) and one input. The module is to be installed in the Piccolo PC interface/central unit. Or connected to Piccolo's serial RS485 interface via screw terminals.



Repeater which receives and transmits wireless signals so a large RF-distance for wireless detectors can be obtained.



Alarm receiver of wireless alarm signals on Piccolo. The unit is connected to Piccolo's serial RS485 interface via screw terminals. Max. 32 units per system (alarm receivers and/or I/O-interface). Max. 200 wireless detectors per alarm receiver.



GSM-modem to be installed in the Piccolo PC-interface/central unit. Thereby alarm signals can be forwarded as SMS-messages through the GSM-network.



Remote control to disconnect and connect Piccolo.

Dimensions:

Central unit: 260x160x65 cm., 1000 grams.
 Alarm receiver: 150x120x45 cm., 300 grams.
 I/O interface: 15x12x4 cm, 265 grams.
 Repeater: 15x12x4 cm, 265 grams.
 ultraSpot: 95x42x21 mm., 50 grams.
 combiSpot: 79x39x9mm., 25 grams.
 infraSpot: 79x39x9mm., 25 grams.
 inSpot: 60x45x24mm., 60 grams.

Battery lifetime:



3,6 V lithium battery for combiSpot and infraSpot.
 in combiSpot: approx. 5 years.
 in infraSpot: approx. 3 years.



3,6 V lithium battery for inSpot and ultraSpot.
 in inSpot: 3 years.
 in ultraSpot: 1 3/4 years

Power supply:

Piccolo can be connected to a 230 VAC power controller (UPS) whereby the system will function a few minutes after power failure

PC requirements:

Windows 95, 32 Mbytes RAM, 800x600 monitor, USB-port or 1 free COM-port to connect the central unit.








Cables:

Use serial cable (RS 232) or RS 232/USB converter.
 From PC to alarm receiver: 24 AWG twisted leads.

Temperature range:







Central unit: -10°C +55°C
 ultraSpot: -10°C +55°C
 combiSpot: -10°C +55°C
 infraSpot: -10°C +55°C
 inSpot: -10°C +55°C

With Piccolo Starter kit and PC-software you can:

-  Connect and disconnect individual detectors or groups of detectors.
-  Forward alarms to mobile phones or other units in the alarm system.
-  Couple Piccolo to the security service.
-  Configure local CCTV- and pagers.
-  Adjust detector sensitivity and check battery voltage.
-  Check signal strength on detectors and receiver conditions for RF-signal.
-  Configure external alarm signal on receivers (e.g. siren, bell, lamp).

Monitor correct cable- and detector-installation, disconnection of cable, jamming of RF-signal

Some other advantages with Piccolo:

-  User friendly software on windows platform designed to install and maintain the system, receive and log all alarms. Can be used simultaneously with other programs on your PC.
-  Constant surveillance of wireless detectors which send out ok-signals at short intervals.
-  Configuration of user names and user rights.
-  Configure local CCTV- and pagers.
-  Possibility of enlarging the system through an extension module and, if required, repeaters.
-  Display the object on the monitoring screen in case of alarm.

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