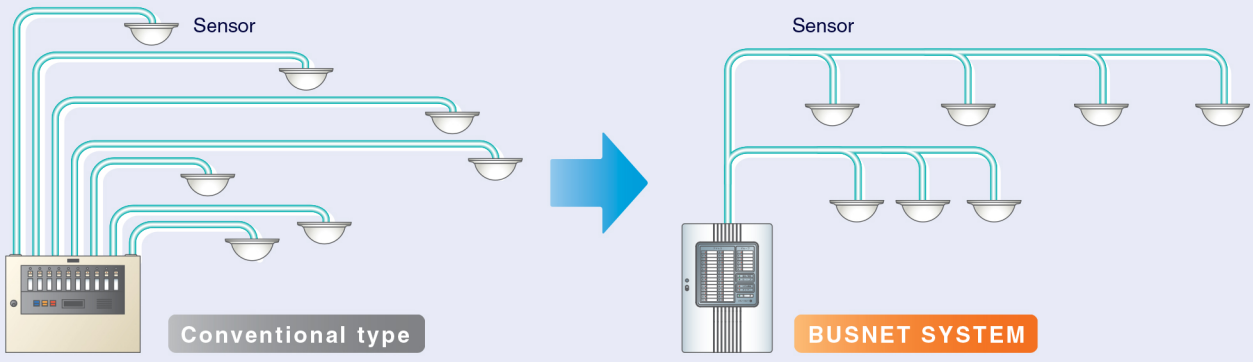
What is the BUSNET SYSTEM?

◆The BUSNET SYSTEM is the high speed information transmission system, connecting a controller and terminal devices.

◆Applying the time-division multiplex transmission method, the BUSNET SYSTEM achieves multi-point transmission regardless of the distance. On top of this, compared to the conventional relay contact point type, it saves labor for both installation and wiring, achieving a high level of reliability as well.



BUSNET Sensor

◆A total of 8 series and 16 types of terminal devices are available: indoor protection sensors including the passive or shutter sensors, and security terminal devices including the photoelectric sensors for perimeter protection.

◆All terminal devices can be connected with a common transmission line. You can additionally connect a repeater to the transmission line later, according to the layout change and/or expansion of a site.

BUSNET

BUSNET sensor with the communications function built in

Passive infrared system

Senses changes in photoelectric energy caused by an intruder.

Photoelectric beam sensor

BUS-50XF
BUS-100XF
BUS-200XF

Only for BUSNET

Senses an intruder by using the near infrared pulse beam.

Glass sensor

BUS-G1200

Only for BUSNET

Detects breaking sounds (ultrasonic band) generated when flat glass is broken by shock.

Passive sensor

BUS-6612/W

Only for BUSNET Passive infrared system

Equipped with the twin mirror system to substantially reduce a malfunction due to the intrusion of small animals.

Passive sensor

BUS-6812B/ BUS-6820B/
BUS-6805B/ BUS-6810B/

Only for BUSNET Passive infrared system

Applies the snap-in system for easy construction and/or maintenance in addition to the functions of the BUS-6700 series.

Transmission Device

Independent operation possible with a maximum of 30 terminal devices connected

Set addresses from 1 to 255 using the terminal device switch. Following this, complete registrations and settings on the controller side. This simple procedure allows you to control and operate the independent output, the group output from 1 to 30, and/or the memory display. Operational flexibility can be maintained because all the settings can be easily changed on the controller side, regardless of any layout change in a site.

Controller
BUS-C630-2
Equipped with 6 group alarm outputs and 30 addresses.

BUS-C730-2
Equipped with 6 group alarm outputs and independent alarm output for 30 addresses.

Repeater
BUS-RT1A
Repeater only for BUS-C630-2 / BUS-C730-2
Covers wider protection range since wiring extension is available.

Controller
BUS-C800
Equipped with 30 group outputs and 255 addresses

Input/Output Unit

Units to enable the BUSNET operation

Any relay contact device which does not comply with BUSNET transmission can be applied through the units below.

Contact input unit
BUS-U1
Only for BUSNET
Used to incorporate contact type sensors, including the glass breakage sensor and/or magnet switch, in BUSNET

Contact output unit
BUS-D1
Only for BUSNET
Contact output unit for only BUS-C630-2 / BUS-C730-2. Outputs at terminal alarm activation and operates a connected device.