

Boomerang - Accessories

Description

The Boomerang 3.0 provides monitoring, log and alarm of environmental data in your lab. Always possible to access from your mobile device such as laptop, tablet or smartphone.

Different applications require different sensors and probes, as well as several types of accessories, e.g. for alerts and status indication. This datasheet describes the functionality and specifications for our most popular accessories.

Applications

- Hospital laboratories
- Blood banks
- IVF / Infertility clinics
- Biotech laboratories
- Clinical laboratories
- Chemistry laboratories
- University laboratories
- Pharmaceutical producers
- Food producers
- Restaurants
- Dairies
- Catering facilities
- Pharmacies
- Cold logistics
- Cold storage
- Veterinary labs

CG1018 - Relay box for Alarm beacon

Description

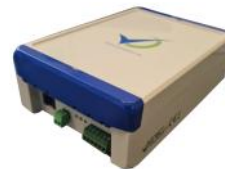
The CG1018 Relay box is an accessory for alerting purposes. It has three relay outputs, dry contacts (Volt free, NC/NO), to control LED beacons or connect to other types of systems. It has three configurable relay outputs, dry contact or 12V, NC/NO, to control LED beacons or connect to other types of systems.

For each Relay box configured in Boomerang, a license (LCSS) apply; LCSS-RELAYOUT.

Specifications

- Size W×L×H 125×180×60mm
- LAN/Ethernet connector, RJ45
- 230VAC/24V DC power adapter

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|------------|--|
| CG1018 | Standard Relay box
24V supply and three (3) relay outputs
Use: Connect external systems |
| CG1018O | Alarm Beacon Orange LED (Flashing)
Top mounted (from ceiling)
Use: Single Alarm/Alert, Summary alarm |
| CG1018OW | Alarm Beacon Orange LED (Flashing)
Wall-mounted
Use: Single Alarm/Alert, Summary alarm |
| CG1018GYO | Alarm Beacon LED Tower
Green, Yellow (flashing) and Orange (flashing)
Top mounted (from ceiling)
Use: Green = system OK
Yellow = alarm/warning group #1
Orange = alarm/warning group #2 |
| CG1018GYOW | Alarm Beacon LED Tower
Green, Yellow (flashing) and Orange (flashing)
Wall-mounted
Use: Green = system OK
Yellow = alarm/warning group #1
Orange = alarm/warning group #2 |



CG1018



CG1018O



CG1018GYO



socket
Top-mount



socket
Wall-mount

WPAN-CTRLR - Web Panel Controller

Description

The Web Panel Controller can display Boomerang status information via HDMI to any LCD display/screen. It connects to the Boomerang system via Ethernet/LAN and there is no limitation in number of Web Panel Controllers you can connect to your Boomerang system.

The status information to show on your Web Panel will be chosen and configured in your Boomerang system.

The Web Panel can be configured to operate in several modes.

- A. "Show all Measuring Points" possible to roll-over to several screens when many measuring points.
- B. "Show only Measuring Points with Alarm State"
- C. "Floor plan"

For each status display configuration, a license (LCSS) apply LCSS-WEBPANEL.

Specifications

Size: W×L×H 96×71×26mm
 Connection: Ethernet
 Display output: HDMI

WPAN-CTRLR Flexible Web Panel Controller Connects to LCD monitors of the size of your choice.

WPAN-24 A WPAN-CTRLR mounted on a standard 24" standard LCD monitor. Standard fixed wall-mount brackets Power supply and LAN-cable.



WPAN-CTRLR

Mode A. Show all Measuring Points

Online	Group Name	Object Name	Measuring Point	Value	Alarm	Last seen
Online	Ultrastång	NR001, Kyl 5 °C, 10106-04-010	Temperatur (NR001)	5.2 °C		09:42
Online	Ultrastång	NR002, Kyl 5 °C, 10106-04-010	Temperatur (NR002)	4.4 °C		09:42
Online	Lokaler	Förädd, läkemedel, 10107-06-012	Temperatur (K9001)	21.6 °C		09:42
Online	Ultrastång	K9001, Kyl 5 °C, 10107-06-012	Temperatur (K9001)	5.6 °C		09:42
Online	Ultrastång	L19525, Kyl 4 °C, 10153-02-142	Temperatur (L19525)	4.0 °C		09:40
Online	Ultrastång	L19532, Kyl 4 °C, 10153-02-038	Temperatur (L19532)	3.3 °C		09:40
Online	Ultrastång	L19423, Kyl 5 °C, 10102-03-209	Temperatur (L19423)	5.4 °C		09:40
Offline	Ultrastång	L19425, Frys -20 °C, 10102-03-196	Temperatur (L19425)	18.5 °C	09:41	
Online	Ultrastång	L19426, Kyl 5 °C, 10102-03-198	Temperatur (L19426)	5.1 °C		09:40
Online	Ultrastång	L19428, Kyl 5 °C, 10102-03-161	Temperatur (L19428)	5.3 °C		09:40
Online	Ultrastång	L19429, Kyl 5 °C, 10102-03-161	Temperatur (L19429)	3.9 °C		09:40
Offline	Ultrastång	L19525, Frys -70 °C, 10102-03-150	Temperatur (L19525)	-71.8 °C	09:40	
Online	Ultrastång	L11160, Frys -35 °C, 30104-03-032	Temperatur (L11160)	-33.4 °C		09:40
Online	Ultrastång	L11159, Frys -35 °C, 30104-03-032	Temperatur (L11159)	-34.3 °C		2025-06-25
Online	Lokaler	Beredning, sterilmrum 1, 10152-01-146	Temperatur (10152-01-146)	20.5 °C		09:30
Online	Lokaler	Beredning, sterilmrum 2, 10152-01-141	Temperatur (10152-01-141)	20.1 °C		09:30
Online	Lokaler	Beredning, uppdragslabor, 10152-01-141	Temperatur (10152-01-141)-Onboard	21.5 °C		09:40
Online	Lokaler	Beredning, elavn, 10152-01-143	Temperatur (10152-01-143)	20.2 °C		09:30
Online	Ultrastång	K9003, Kyl 5 °C, 10152-01-141	Temperatur (K9003)	3.9 °C		09:40

Mode B. No alarms present



Mode B. with active alarms

Online	Group Name	Object Name	Measuring Point	Value	Alarm	Last seen
Online	Ultrastång	L19425, Frys -20 °C, 10102-03-196	Temperatur (L19425)	18.4 °C	▲	09:31
Online	Ultrastång	L19531, Frys -70 °C, 10102-03-150	Temperatur (L19531)	-71.3 °C	▲	09:35
Online	Ultrastång	L11319, Frys -80 °C, 10102-03-008	Temperatur (L11319)	-79.8 °C	▲	09:35

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XB040 - 4G-router

Description

The XB040 is a 4G-router for Internet connection. XB040 gets access via mobile broadband (4G) and a SIM card throughout Europe.

The XB040 has three LAN/Ethernet sockets for Connecting Boomerang og-equipment, e.g. WIN-Gateway (NWINGW) or BBOs (XBB006, XBB012).

It is also possible to use the WAN-port of the XB040 for fall-back Internet connection via local network on the premises (LAN/Ethernet).

For each XB040 configured in Boomerang, a license (LCSS) apply; LCSS-XB040.

Specifications

- Size W×L×H 200×160×100mm
- Three (3) Ethernet/LAN sockets for log-equipment
- WAN for fall-back/redundancy functionality
- 230VAC

Use: Connect remotely located Boomerang equipment to Internet/Cloud and/or completely isolate the Boomerang system from local IT.

XB040-4G router
(+WIN-Gateway on
a mounting plate)



XB046 - S2-Gateway, S2GW

Description

The XB046, S2-Gateway (S2GW) works as an interface between a network of old S2 radio nodes and the new Boomerang 3.0 system. S2GW replaces virtual serial interfaces like Tibbo or DIGI.

Each S2GW gateway can handle one (1) single S2 radio network. The S2GW connects to the S2 PC-Node and to a LAN/Ethernet socket with Internet connection.

Specifications

- Size W×L×H 95×62×32mm

Required Equipment

- XB046, S2GW with its 5.1V power supply
- S2 PC-Node with its 9V power supply
- DBU002/2 plastic holder
- Ethernet cable

Use: When upgrading your Boomerang (B2) to the new Boomerang 3.0, it is common to also upgrade the Boomerang log equipment to newer versions. E.g. WIN-nodes or BBOs, having more features and being compatible with B3. However, the XB046 S2GW makes it possible to re-use the old S2-nodes. Each PC node needs to be supplemented with an S2 gateway (S2GW) that is installed on your network or via 4G mobile broadband.



XB046 - S2GW connected to a S2 PC-Node

