

Analog addressable fire alarm system GS690

UL 864 approval

Solution for small and medium-sized buildings



3D monitor system integration available !

- 32 bit processor Arm Cortex M3
- High/Low voltage separately protection circuit for safety
- Pluggable Loop PCB board available
- Networking up to 64 panels
- AC type detector integration available by I/O module GS621
- Loop Options: 1 loop; 1 loop expanded to 2-loops; 2-loops
- High contrast backlit LCD provides 4 rows of 40 characters for device and system status
- 4 Access Levels & 4000 events history log
- Day/night mode configurable
- Up to 127 addressable devices per loop & 40 configurable zones
- Automatic device type-code verification



Commercial Mall



Office Building



Hospital



Hotel



School



Residential Area



GS690



Optional Power supply
Max.Support 32 horn strobes
in one loop

Analog Fire Alarm Control Panel

- Power: Input: AC(100 ~ 240)V/ 50/60Hz
- Emergency power supply: 12Ah @ 24V (2 x DC 12V)
- Battery fault voltage: ≤ DC 20V
- Standby current: 100mA @ DC 20 ~ 28V
- Loop current: 200mA
- Relay output: 3 x (1.0 A @ DC 30V /1A @AC 240V)
- Humidity range: 0%- 95%
- Temperature range: 0 °C ~ +49 °C
- Support Ethernet, RS485 interface, USB, PC software
- Transmission distance up to 3KM, stable and reliable



GS650

Addressable Heat Detector

- Operating Voltage Range: 16~33VDC
- Standby current: < 200uA@24VDC
- Action current: < 6mA
- Sensitivity: 57.2°C-78.9°C(3 levels: 60°C /62°C/65°C)
- Two fire LEDs allows 360° viewing
- Standard: UL521:1999
- Humidity range: < 93%
- Working Temperature range: 0 °C-49 °C
- Two fire LEDs allows 360° viewing
- Size: Φ150*59mm
- Conventional Heat detector is available for option.



GS670

Addressable Smoke Detector

- Operating Voltage Range: 16~33VDC
- Standby current: < 200uA@24VDC
- Action current: < 6mA
- Sensitivity: 89uA- 94uA
- 3 levels Smoke Sensor Sensitivity (NORMAL/LOW/HIGH)
- Two fire LEDs allows 360° viewing
- Standard: UL268:2009
- Humidity range: < 93%
- Temperature range: 0 °C-49 °C
- Size: Φ150*67mm
- Conventional Smoke detector is available for option.



GS620

Addressable Manual Pull Station

- Operating Voltage Range: 16~33VDC
- Standby current: < 200uA @24VDC
- Temperature range: 0 °C ~ +49 °C
- Humidity range: 0%-93%(RH)
- Standard: UL38
- Size: 138*104*55mm
- Addressable type



GS621

Addressable Input/Output Module

- Operating Voltage Range: 16~33VDC
- Loop current: 200mA
- Relay output: 2A, 30VDC; 0.5A 125VAC
- Temperature range: 0°C ~ +49°C
- Humidity range: 0% - 93%(RH)
- Size: 124*124*63mm
- AC type detector integration available by I/O module GS621
- Optional input/output



GS623

Isolator Module

- Operating Voltage Range:16~33VDC
- Standby current: ≤0.6mA
- Work current: < 30mA
- Relay output: 1A, 30VDA; 1A 240VAC
- Temperature range: 0 °C ~ +49 °C
- Humidity range: 0%-93%(RH)
- Size: 124*124*63mm



GS620-P01/02/03/04

Isolator Module

UL 94V-2: UL(US/ C) 38: UL(US/ C) 464

- Power Type: DC 9 V battery
- Alarm Volume: >95dB@03m/1ft
- Alarm Type: audio & visual
- Indicator: red LED
- Temperature Range :-40-49°C/-40-120°F
- Humidity Range: 15-93% RH(non-condensing) < 93% RH(non-condensing)
- Installation Method: mounting bracket
- Operating Life : 10 years



GS622-A

Addressable Horn Strobe

- Operating Voltage Range:16~33VDC
- Light intensity: 15cd,30cd,75cd,110cd,user selectable
- Sound mode: Intermittent sound, Continuous sound, Optional
- Temperature range: 0 °C ~ +49 °C
- Humidity range: 0% - 93% (RH)
- Size: 140*120*50mm
- Low Frequency 520HZ-Waking Effectiveness
- Synchronization
- Ceiling mount pending
- Self-test function



GS626

Alarm Bell

- Operating Voltage Range:16~33VDC
- Standby current: 0 A
- Alarm Current: 25 mA
- Alarm volume: ≥ 95 dB @ 1 m
- Terminal line: (0.4 ~ 2.5) mm²
- Temperature range: 0 °C ~ +65 °C
- Humidity range: 0%-93% (RH)
- Storage temperature:-25 °C ~ +80 °C
- Storage humidity: 0%-98% (RH)
- Size: Φ152*60mm



Special invitation from SITERWELL

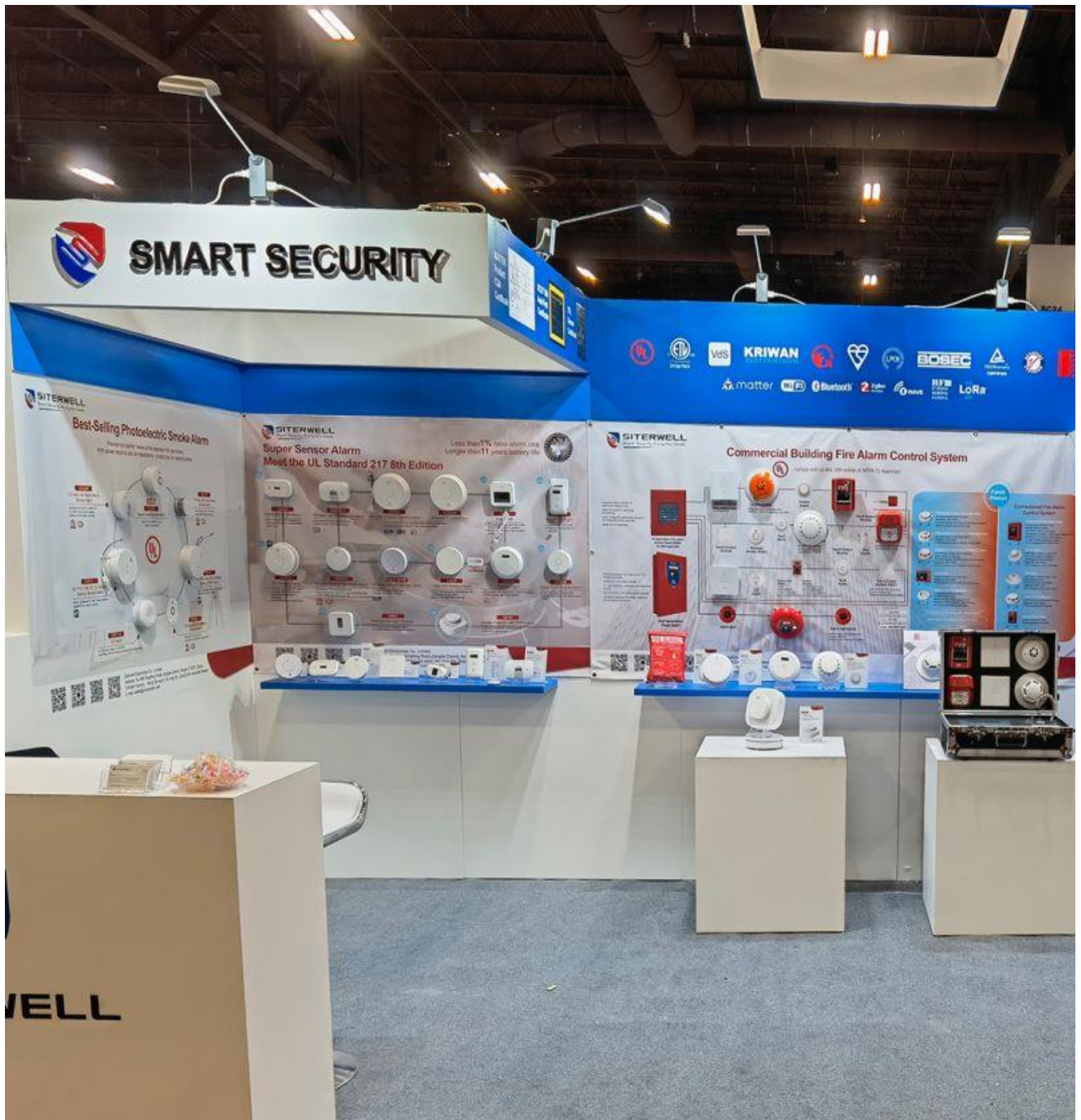
SITERWELL ELECTRONICS CO., LIMITED
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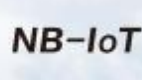
Date: 07/01/2020~10/01/2020

Booth No.Sands,Halla-D-43164

Address: Test West, Sands Expo, Level 2, Las Vegas, NV.USA







Special invitation from SITERWELL

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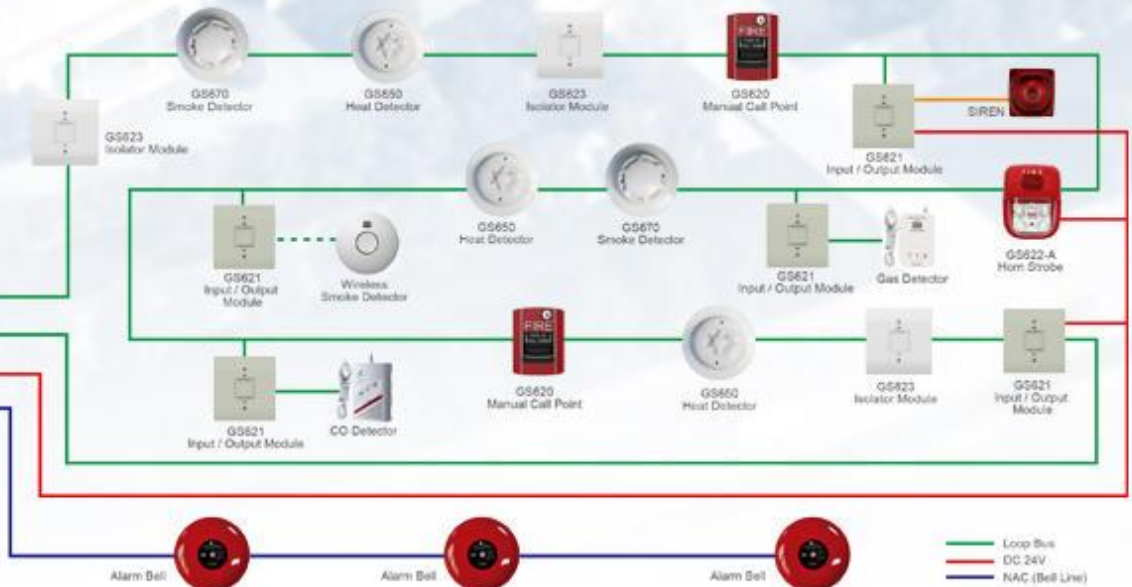
Date: 17/06/2019~19/06/2019

Booth No.541

Address: Henry B.Gonzalez Convention Center
 900 E.Market Street San Antonio.Texas 78205

Analog Addressable Fire Alarm System UL 864 10th Edition & NFPA72

Network Up
 To 64 Panels



CERTIFICATE OF COMPLIANCE

Certificate Number 20181203-S36001
Report Reference S36001-20181128
Issue Date 2018-DECEMBER-03

Issued to: Siterwell Electronics Co., Limited
No.666 Qingfeng Road Jiangbei District
Ningbo, Zhejiang 315034 CHINA

**This certificate confirms that
representative samples of**

CONTROL UNITS, SYSTEM; CONTROL UNIT
ACCESSORIES, SYSTEM

Fire Alarm Equipment: Fire Alarm Control Panel, Model
GS690.

Fire Alarm Subassembly: Enclosure, Model GS690-P01,
Main Board, Model ST690-V1.1, Loop Board, Model ST690-
LOOP-V1.0.

Fire Alarm Equipment: Input/Output Module, Model GS621;
Isolator Module, Model GS623.

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL864, Control Units and Accessories for Fire Alarm
Systems.

Additional Information: See the UL Online Certifications Directory at
<https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Mark.

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CERTIFICATE OF COMPLIANCE

Certificate Number 20190405-S25300
Report Reference S25300-20190329
Issue Date 2019-APRIL-05

Issued to: Siterwell Electronics Co., Limited
No.666 Qingfeng Road Jiangbei District
Ningbo
Zhejiang 315034 CHINA

This certificate confirms that representative samples of

SMOKE DETECTORS FOR FIRE ALARM SYSTEMS
Smoke Detector for Open Area Application:
Model GS670, sensitivity selectable (NORMAL/64, LOW/76, or HIGH/51), fire automatic smoke detector.

Have been investigated by UL and ULC in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 268 for Safety for Smoke Detectors for Fire Alarm Systems and CAN/ULC S529 Standard for Smoke Detectors for Fire Alarm Systems

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information.

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Bruce Mahrenholz, Director Conformity Assessment Programs (CPO)
UL LLC



Gunsimar Paintal, ULC Mark Certification Program Manager
Underwriters Laboratories of Canada Inc.



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CERTIFICATE OF COMPLIANCE

Certificate Number 20181101-S36057
Report Reference S36057-20181028
Issue Date 2018-NOVEMBER-01

Issued to: Siterwell Electronics Co., Limited
No.666 Qingfeng Road Jiangbei District
Ningbo
Zhejiang 315034 CHINA

This certificate confirms that
representative samples of

HEAT-AUTOMATIC FIRE DETECTORS
Fire Alarm and Emergency Signaling Subassembly:

USL – Model GS650, temperature selectable (60°C/140°F;
62°C/143.6°F; 65°C/149°F), hard wired heat detector.

CNL – Model GS650, temperature selectable (60°C/140°F;
62°C/143.6°F; 65°C/149°F), hard wired heat detector.

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 521, Heat Detectors for Fire Protective Signaling
Systems
ULC CAN-S530, Heat Actuated Fire Detectors for Fire
Alarm Systems

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CERTIFICATE OF COMPLIANCE

Certificate Number 20180927-S25382
Report Reference S25382-20180926
Issue Date 2018-SEPTEMBER-27

Issued to: Siterwell Electronics Co., Limited
No.666 Qingfeng Road Jiangbei District
Ningbo
Zhejiang 315034 CHINA

**This is to certify that
representative samples of**

BOXES, NONCODED
Fire Alarm Equipment:
Boxes, Non-Coded, Addressable Manual Call Points, Model
GS620 for indoor use.

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 38 Standards for Safety for Manual Signaling Boxes for
Fire Alarm Systems

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Signaling Appliances and Equipment for the Hearing Impaired

COMPANY

Siterwell Electronics Co., Limited

No 666 Qingfeng Road
 Jiangbei District
 Ningbo Zhejiang 315034
 NINGBO, Zhejiang Sheng 315034 China

S36159

Addressable strobe light and horns, wall mounted Model(s) GS622-A (Candela 15,30,75,110, Pulse width 20ms) (Regulated 24VDC/FWR) input 16.0-33.0 VDC/FWR (Regulated 24VDC/FWR).

LED strobe light and horns, wall mounted Model(s) GS622-B (Candela 15,30,75,110, Pulse width 20ms) (Regulated 24VDC/FWR) input 16.0-33.0 VDC/FWR (Regulated 24VDC/FWR).

Visual signal devices, LED strobe light, wall mounted Model(s) GS622-C (candela 15, 30, 75 or 110, Pulse width 20ms)

Note - All models are input: 16.0-33.0 VDC/FWR (regulated 24VDC/FWR)

Trademark and/or Tradename:



Last Updated on 2023-08-04

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