



Fire and Gas Alarm Systems

 Public Announce Systems

 Access Control Systems

 Building Management Systems

Finder is a platform which integrates fire and security systems under software

Finder products are manufactured by Italian, English and Turkish know how

Finder products have superior technical features

Finder products are supplied by trained and experienced authorized dealers

Finder products quality have been tested and certified by LPCB, BSI, VDS, GOST

Finder products are guaranteed to the customer satisfaction with its 7/24 electronic monitoring service



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Conventional Optic Smoke Detector FF O 1000

- . ASIC and COB technology
- . Automatic calibration
- . Dust trap
- . 360 ° visible bi-colour LED
- . Made in Italy
- . LPCB certified



Conventional Manuel Call Point FF VB 100

- . Current max. 3A
- . Operating max. 50V
- . Re-settable call point



Conventional Heat Detector FF T 1000

- . ASIC and COB technology
- . Automatic calibration
- . Dust trap
- . 360 ° visible bi-colour LED
- . Made in Italy
- . LPCB certified



Conventional Manuel Call Point FF VB100-FIO

- . Current max. 3A
- . Operating max. 50V
- . Re-settable call point
- . LPCB certified



Conventional Optic Smoke and Heat Detector FF OT 1000

- . ASIC and COB technology
- . Automatic calibration
- . Dust trap
- . 360 ° visible bi-colour LED
- . Extended temperature range
- . Made in Italy
- . LPCB certified



Conventional Fire Panel FF CF 808 FF CF 916

- . Conventional fire alarm panel
- . Optional 8-16 zones
- . Microprocessor-based modern design
- . 32 conventional smoke and/or heat detector support for each zone
- . Built-in battery support for uninterrupted protection
- . Fault and alarm indication for each fire zone



Electronic Sounder FF ES150-VTG

- . 12-24 VDC 36mA
- . 106 dB sound output
- . Made in U.K.
- . LPCB certified



Conventional Fire Panel CFP Series

- . Conventional fire alarm panel
- . Optional 2-4-6-8 zones
- . Microprocessor-based modern design
- . 32 conventional smoke and/or heat detector support for each zone
- . Built-in battery support for uninterrupted protection
- . Fault and alarm indication for each fire zone
- . LPCB certified



Electronic Sounder/Beacon FF ESF150-VTB

- . 12-24 VDC 41mA
- . 109 dB sound output
- . 150 flash / minute
- . Made in U.K.

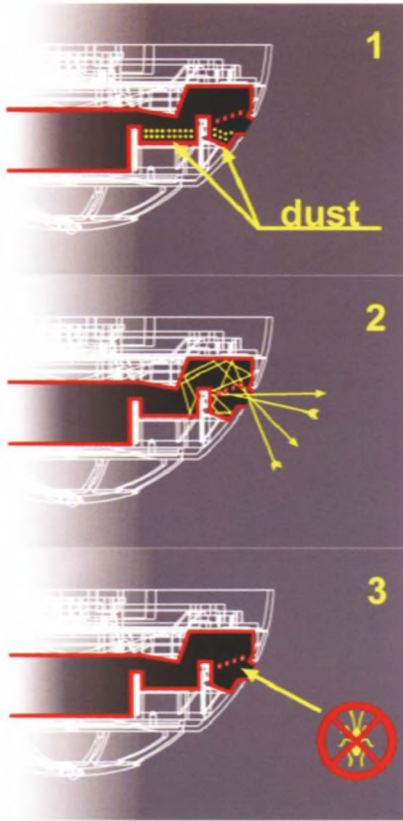


Conventional Beam Detector DET-105RB

- . Type Beam Smoke Detector
- . Receiver / Transmitter - Reflector type
- . Opportunity to work between 8-100 meters
- . Automatic signal synchronization
- . Automatic environmental compensation
- . Internal adjustment points
- . 24VCD / 12 mA
- . LPCB certified



Superior Features of Finder Detectors



Easy Installation and Usage

1- Double Dust Pool
Detection of cells with double-trap dust pollution caused by more resistant to false alarms

2- Light Baffle
Detection of cell mechanical structure of the light from outside is more durable due to false alarms

3- Full Filter
Continuous screen with precisely calculated apertures: reliable protection from small insects

4- Symmetrical Detection Chamber
Optimal smoke sensitivity from all directions

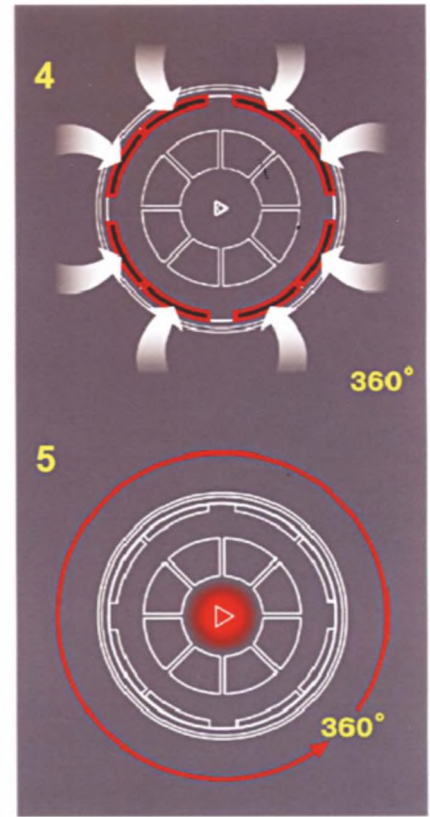
5- From Each Direction LED Display
A LED indicator provides a 360 degrees cone of vision eliminating orientation problems

6- Magnets with the Test
Detectors can be tested as magnets with the easy and economical

7- Anti Tamper Locking Feature
Protection from unauthorized detectors disassembling

8- Remote Indicator
A remote indicator can additionally be connected

9- Invisible Detector
Detectors can be painted to give your color according to the ceiling color



Ceiling Color Detectors Invisible Appropriate To



IP 42 protection class



Specifications	Optical Smoke	Rate of Rise Detector	High Temp Detector	Opto Heat Detector
Ordering Code	FF01000	FFT1000	FFT1100	FF0T1000
Standby Current (Nominal)	70µA	35µA	35µA	35µA
Alarm Current (Max)	50mA	50mA	50mA	50mA
Operating Voltage Range	10-30VDC	10-30VDC	10-30VDC	10-30VDC
Max Humidity (no condensing)	95%RH	95%RH	95%RH	95%RH
Operating Temperature	-30°C+70°C	-30°C+70°C	-30°C+70°C	-30°C+70°C
Storage Temperature Range	-40°C+70°C	-40°C+70°C	-40°C+70°C	-40°C+70°C
Weight (Base Included)	130g	130g	130g	130g
Diameter	110mm	110mm	110mm	110mm
Height (Base included)	54mm	54mm	54mm	54mm
Applicable Standard	EN54-7:2001	EN54-5:2000	EN54-5:2000	EN54-5:2000 EN54-7:2001



EN54-7 approved by LPCB
EN54-5 BS approved by LPCB
EN54 - A1R approved by LPCB

Intelligent Optical Smoke Detector FF O 200A



- . Stable operation with advanced digital signal
- . Addressable by a special tool
- . Automatic noise compensation
- . Short circuit isolators in each device
- . Dust trap
- . 360° visible bi-colour LED
- . Made in Italy
- . LPCB certified

Intelligent Thermal Detector FF T 200A



- . Advanced digital signal processing and stable work
- . Addressable by a special tool
- . Automatic noise compensation
- . Short circuit isolators in each device
- . Dust trap
- . 360° visible bi-colour LED
- . Made in Italy
- . LPCB certified

Intelligent Multicriteria Detector FF OT 200A



- . Advanced digital signal processing and stable work
- . Addressable by a special tool
- . Automatic noise compensation
- . Short circuit isolators in each device
- . Dust trap
- . 360° visible bi-colour LED
- . Made in Italy
- . LPCB certified

Intelligent Addressed Electronic Sounder & Beacon FF LS + FF LX200 Sounder FF LSB + LX200 Beacon



- . Fully digital protocol
- . Digital double address checking
- . Feeds on loop line
- . Intelligent addressable construction
- . Auto-addressable (Control panel supported)
- . Built-in short circuit isolator
- . Low power consumption, 100dB sound level
- . Made in Italy

Intelligent Call Point FF VB 200



- . Advanced digital signal processing and stable work
- . Short circuit isolators in each device
- . Addressable by a special tool
- . Re-Settable call point
- . Made in Italy
- . LPCB certified

Detector Base Sounder FF LPS200A



- . Powered by the remote output
- . Fully compatible with FF O200A, O200AL
- . 32 selectable tones
- . Provides 360° visibility
- . Ideally suited for applications
- . Improved electronic design
- . A local volume switch on each unit
- . 21C ip rating

Detector Base Sounder Beacon FF LPS200AB



- . Powered by the remote output
- . Fully compatible with FF O200A, O200AL
- . 32 selectable tones
- . Provides 360° visibility
- . Ideally suited for applications
- . Improved electronic design
- . A local volume switch on each unit
- . 21C ip rating

Detector Base Sounder, Loop Powered FF LPS200iA



- . Powered by the remote output
- . Fully compatible with FF O200A, O200AL
- . 32 selectable tones
- . Provides 360° visibility
- . Ideally suited for applications
- . Improved electronic design
- . A local volume switch on each unit
- . 21C ip rating

Intelligent Detector Base FF BS200A



- . Easy installation
- . Fully compatible with Finder detectors
- . User friendly
- . Peripheral contact design
- . Maximum access for cables
- . Cable sizes up to 2.5 mm
- . Built in shorting spring
- . LPCB certified

Base Sounder Beacon, Loop Powered FF LPS200iFA



- . Powered by the remote output
- . Fully compatible with FF O200A, O200AL
- . 32 selectable tones
- . Provides 360° visibility
- . Ideally suited for applications
- . Improved electronic design
- . A local volume switch on each unit
- . 21C ip rating

**Intelligent Input, Output Module
FF MIC4/2/2**



- . 4xInput, 2xRelay Output, 2xOutput Module
- . Addressable by a special tool
- . Short circuit isolators in each device
- . Advanced signal processing
- . Fully digital protocol
- . Boxed-free model and the box
- . Made in Italy
- . VdS certified

**Single Output Module
FF MC 220**



- . 1xRelay output
- . Addressable by a special tool
- . Short circuit isolators in each device
- . Advanced signal processing
- . Fully digital protocol
- . Boxed-free model and the box
- . Made in Italy
- . VdS certified

**Intelligent Input, Output Module
FF MIC4/4**



- . 4xInput, 4xRelay Output
- . Addressable by a special tool
- . Short circuit isolators in each device
- . Advanced signal processing
- . Fully digital protocol
- . Boxed-free model and the box
- . Made in Italy
- . VdS certified

**Supervised Input Output Module
FF MIC 200**



- . 1xOutput / 1xInput
- . Addressable by a special tool
- . Short circuit isolators in each device
- . Advanced signal processing
- . Fully digital protocol
- . Programmable 2-color status LED
- . Boxed-free model and the box
- . Made in Italy
- . VdS certified

**Intelligent Input, Output Module
FF MIC6/2**



- . 6xInput, 2xRelay Output
- . Addressable by a special tool
- . Short circuit isolators in each device
- . Advanced signal processing
- . Fully digital protocol
- . Boxed-free model and the box
- . Made in Italy
- . VdS certified

**Single Output Module
FF MC 200**



- . 1xRelay output
- . Addressable by a special tool
- . Short circuit isolators in each device
- . Advanced signal processing
- . Fully digital protocol
- . Boxed-free model and the box
- . Made in Italy
- . VdS certified

**Programming Unit
VPU1000A**



- . Designed to program&read various parameters
- . Built-in keypad
- . Built-in display
- . Reads and sets analogue address of device
- . Selects the specific type of thermal device
- . Reads the firmware and other device data
- . Programs multi-module device
- . Programs conventional zone module
- . Programs tones of the 32 tone base sounder

**Single Supervised Input Module
FF MI 200**



- . 1xInput
- . Addressable by a special tool
- . Short circuit isolators in each device
- . Advanced signal processing
- . Fully digital protocol
- . Programmable 2-color status LED
- . Boxed-free model and the box
- . Made in Italy
- . VdS certified

**Intelligent Isolator Module
FF LM100**



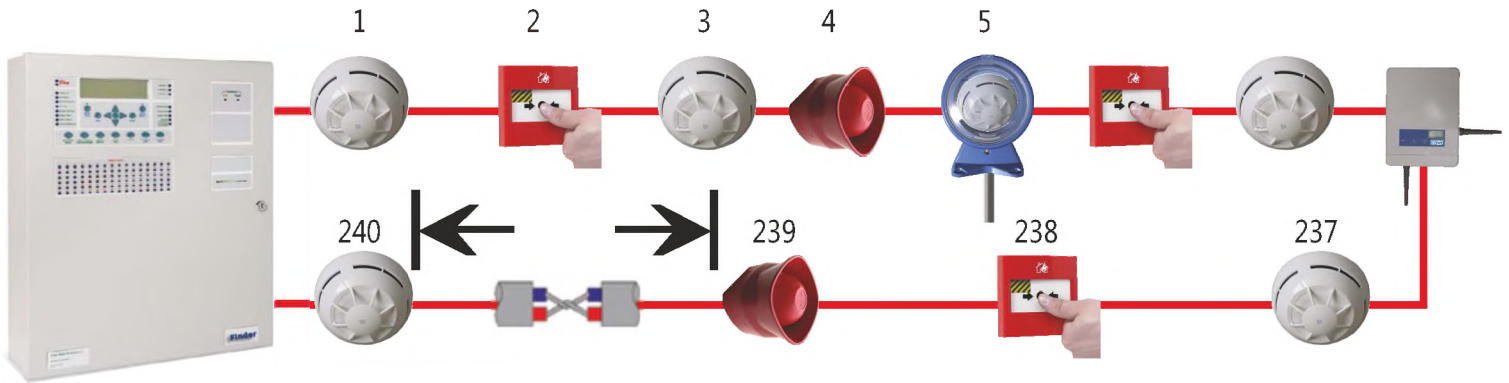
- . Isolator Module
- . Addressable by a special tool
- . Short circuit isolators in each device
- . Advanced signal processing
- . Fully digital protocol
- . Boxed-free model and the box
- . Made in Italy
- . VdS certified

**Zone Module
FF MZ 200**



- . 1xZone addressing
- . Addressable by a special tool
- . Short circuit isolators in each device
- . Advanced signal processing
- . Fully digital protocol
- . Programmable 2-color status LED
- . Boxed-free model and the box
- . Made in Italy
- . VdS certified

Superior Features of Finder Intelligent Addressable Detectors



Finder detectors are operational even though loop cable short circuit fault

Finder addressable sounders save cabling cost and also give flexible alarm organization

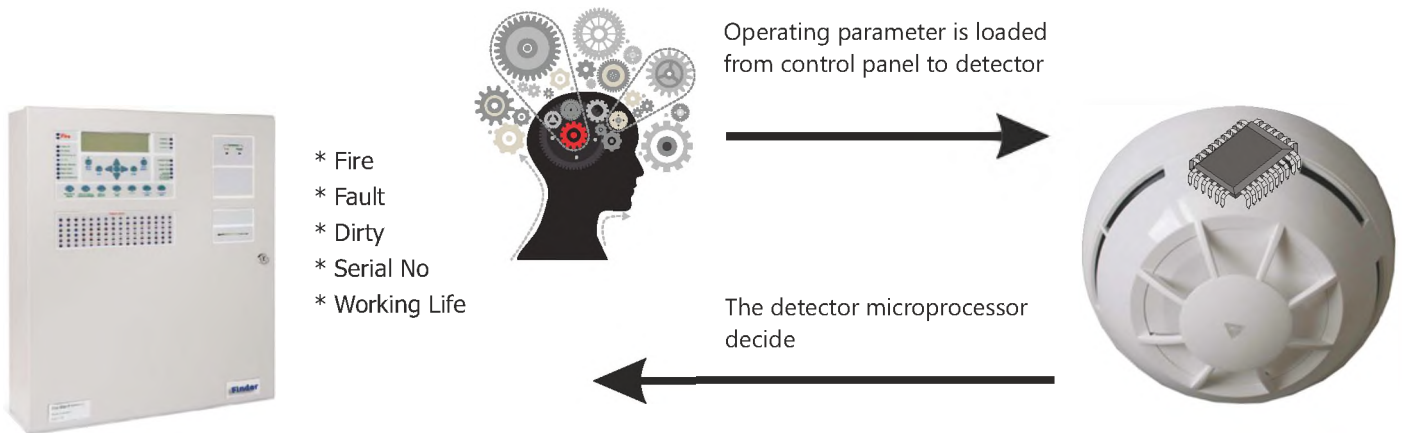
Finder resettable call points save working cost

Finder addressable detector have Bi-color LEDs
 Red - Alarm
 Yellow - Fault
 Green - Working

Ceiling Colored Detectors Are Hidden Esthetically



Intelligent Technology



Locking

Detectors are easily locked.

Magnet Technology

The detectors are tested easily with the magnets.





Wireless Intelligent Optical Smoke Detector SG 100

- . Bi-directional wireless communication
- . Frequency of 868 Mhz
- . Multi-channel (up to 7 channels)
- . High reliability and sensitivity
- . Full intelligent
- . Easy installation
- . 3V operating voltage, dual battery monitor
- . Double powder pool contamination by later
- . 360° visible bi-colour LED
- . Made in Italy



Wireless Intelligent Thermal Detector SG 350

- . Bi-directional wireless communication
- . Frequency of 868 Mhz
- . Multi-channel (up to 7 channels)
- . High reliability and sensitivity
- . Full intelligent
- . Easy installation
- . 3V operating voltage, dual battery monitor
- . Double powder pool contamination by later
- . 360° visible bi-colour LED
- . Made in Italy



Wireless Intelligent Multicriteria Detector SG 200

- . Bi-directional wireless communication
- . Frequency of 868 Mhz
- . Multi-channel (up to 7 channels)
- . High reliability and sensitivity
- . Full intelligent
- . Easy installation
- . 3V operating voltage, dual battery monitor
- . Double powder pool contamination by later
- . 360° visible bi-colour LED
- . Made in Italy



Wireless Intelligent Call Point SGCP 100

- . Bi-directional wireless communication
- . Frequency of 868 Mhz
- . High reliability and sensitivity
- . Full intelligent
- . Easy installation
- . Utilises standard low cost lithium battery technology, full monitored
- . Re-Setable call point
- . Bi-colour status LED
- . Made in Italy



Wireless Intelligent Sounder SGRS 100

- . Bi-directional wireless communication
- . Frequency of 868 Mhz
- . High reliability and sensitivity
- . Full intelligent
- . Easy installation
- . Utilises standard low cost lithium battery technology, full monitored
- . Re-Setable call point
- . 100dB sound output
- . Made in Italy



Wireless Intelligent Alarm Sounder/Beacon SGRS 100-AV

- . Bi-directional wireless communication
- . Frequency of 868 Mhz
- . High reliability and sensitivity
- . Full intelligent
- . Easy installation
- . 3V operating voltage, dual battery monitor
- . 1xInput full monitored
- . Tamper-proof
- . Bi-colour status LED
- . Made in Italy



Wireless Intelligent Input Module SGMI 100

- . Bi-directional wireless communication
- . Frequency of 868 Mhz
- . High reliability and sensitivity
- . Full intelligent
- . Easy installation
- . Utilises standard low cost lithium battery technology, full monitored
- . 1xSupervised input
- . Bi-colour status LED
- . Made in Italy



Wireless Intelligent Output Module SGMC 100

- . Bi-directional wireless communication
- . Frequency of 868 Mhz
- . High reliability and sensitivity
- . Full intelligent
- . Easy installation
- . Utilises standard low cost lithium battery technology, full monitored
- . 1xSupervised output
- . Bi-colour status LED
- . Made in Italy



Wireless Repeater Panel PU 100

- . Bi-directional wireless communication
- . Frequency of 868 Mhz
- . Multi-channel (up to 7 channels)
- . High reliability and sensitivity
- . Full intelligent
- . Easy installation
- . 3V operating voltage, dual battery monitor
- . LCD Screen
- . Made in Italy



Wireless Translator Module VW2W 100

- . Double orthogonal antennas to guarantee reliable and secure communication
- . Protected against noise pollution
- . Bi-directional wireless communication
- . Multi-channel (up to 7 channels)
- . Up to 32 devices can be used with each one
- . Monitored by fire panel
- . System can be programmed through a PC by a dedicated software
- . Made in Italy



Superior Features of Finder Wireless Fire Alarm System

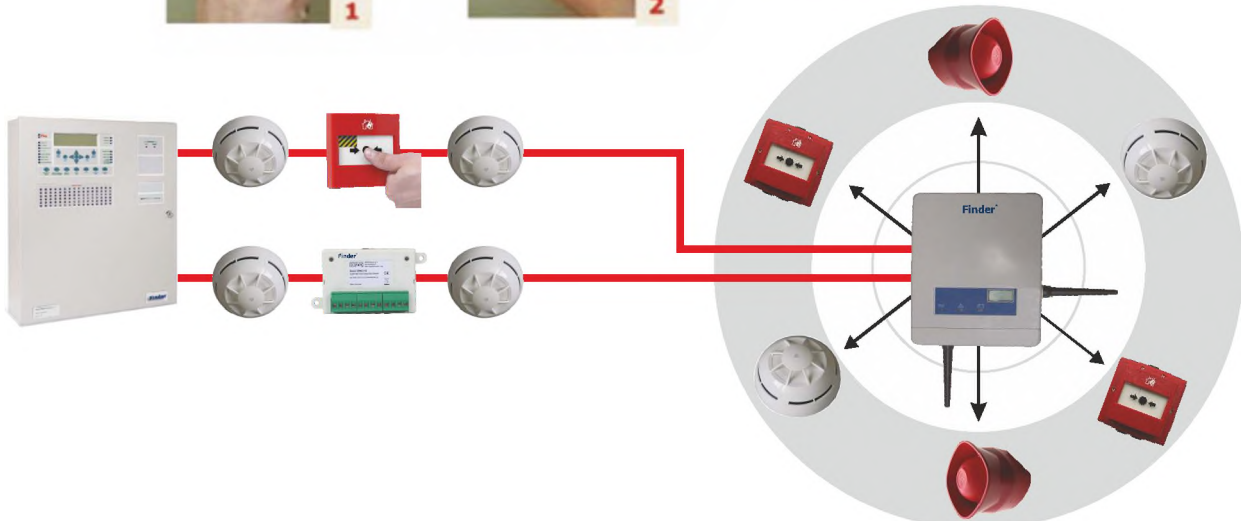
The Most Appropriate Solution

Finder Wireless System offers a comprehensive wireless solution for fire system components where the use of traditional wired installations may be unacceptable or uneconomic. Finder Wireless System is a natural completion of the Analogue Intelligent Fire System: an interface module allows the connection to the wired system in a hybrid configuration. Flexible structure combining wired and wireless system devices assists new design options and opportunities for rapid system modifications.

High Performance

- Compliant with En54 part 7
- 868 Mhz frequency with 7 channels
- Bi-directional communication
- Programmable sensitivity
- 200m in the open space communication distance
- Easy installation
- Organization is possible with the alarm wireless sounder
 - With 2 batteries 5 year warranty run time
- Immediate transmission of alarm, fault and tamper
- W2W Translator powered by the detection loop
- Double orthogonal antennas to guarantee reliable and secure communication
- Up to 32 devices can be used with each translator
- Up to 16 expanders in one cell providing a total distance of 1600m
- High noise resistance
- Signalling of the removal of the detector from the base
- Signal test equipment with a high reliability and an easy and fast installation.

Ceiling Color Detectors Invisible Appropriate To





FF SYN1L

- . 1 loop version
- . 2 programmable sounder output
- . 3 programmable relay
- . Communication up to 64 panel
- . EN 54 / BSI certified
- . 240 address capacity loop structure
- . 2000m loop length
- . Easy installation
- . Made in U.K.



FF Focus

- . Large graphic display
- . Simple regression Finder Network
- . Multi language
- . Small durable case
- . Easy installation
- . Breaks down fire alarm contacts
- . Made in U.K.
- FF Focus+**
- . Silent alarm
- . Re-sound the alarm
- . Reset



FF SYN2L

- . 2 loop version
- . 2 programmable sounder output
- . 3 programmable relay
- . Communication up to 64 panel
- . EN 54 / BSI certified
- . 240 address capacity loop structure
- . 2000m loop length
- . Easy installation
- . Made in U.K.



FF View

- . Large graphic display
- . Internal buzzer
- . Multi language
- . 750 mA
- . Easy monitor and intervene
- . 24 VDC or 230 VAC
- . Each panel can be connected to a panel of 15 repetitions
- . Made in U.K.



FF SYN4L

- . 4 loop version
- . 4 programmable sounder output
- . Communication up to 64 panel
- . 240 address capacity loop structure
- . Large graphic display
- . EN 54 / BSI certified
- . 2 programmable function button
- . 3 programmable relay
- . Easy installation
- . Made in U.K.



FF S545

- . 4 monitored detection zone inputs
- . 2 monitored sounder outputs
- . Volt free fault contact
- . Local power supply fault input
- . RS485 comms connection to Syncro Fire Alarm Panel
- . Communication with panel about 1200m
- . Communication with RS485
- . Easy installation
- . Reset
- . Made in U.K.



FF SYN6L

- . 6 loop version
- . 96 zone indicator
- . 8 programmable sounder output
- . Large graphic display
- . Help and warning displays
- . 240 address capacity loop structure
- . 2 programmable function button
- . 3 programmable front panel LED
- . Made in U.K.



FF S546

- . Operation and fault LED indicators
- . 2 Volt ignition output
- . Connect remotely to the panel via RS485
- . Communication with panel about 1200m
- . 32 modules can be connected to a module with Rs485 communication protocol
- . Made in U.K.



FF SYN8L

- . 8 loop version
- . 96 zone indicator
- . 8 programmable sounder output
- . Large graphic display
- . Help and warning displays
- . 240 address capacity loop structure
- . 2 programmable function button
- . 3 programmable front panel LED
- . Made in U.K.



FF S555

- . Communication card
- . Up to 64 nodes
- . High integrity protocol
- . Fully secure against short/open circuit faults
- . Easy monitor and intervene
- . Network connection sharing in repeater panels
- . Flexible configuration
- . Made in U.K.

FF MX1-1



- . 1 loop version
- . 2 programmable sounder output
- . EN54/4 feed
- . Large graphic display
- . Help and alarm warning screens
- . Programmable Relay Board
- . 4 front-panel LED
- . Printer (optional)
- . Easy installation
- . Made in U.K.

FF MX2-2



- . 2 loop version
- . 2 programmable sounder output
- . EN54/4 feed
- . Large graphic display
- . Help and alarm warning screens
- . Programmable Relay Board
- . 4 front-panel LED
- . Printer (optional)
- . Easy installation
- . Made in U.K.

FF MX4-4



- . 4 loop version
- . 4 programmable sounder output
- . EN54/4 feed
- . Large graphic display
- . Help and alarm warning screens
- . Programmable Relay Board
- . 4 front-panel LED
- . Printer (optional)
- . Easy installation
- . Made in U.K.

FF MX8-8



- . 8 loop version
- . 8 programmable sounder output
- . EN54/4 feed
- . Large graphic display
- . Help and alarm warning screens
- . Programmable Relay Board
- . 4 front-panel LED
- . Printer (optional)
- . Easy installation
- . Made in U.K.

FF MX5010



- . Programmable switch input
- . Large graphic display
- . Ad-NeT/Ad-NeT+
- . Small, robust and compact
- . 24V DC operating voltage
- . Enable / disable option
- . Easy installation
- . Made in U.K.

FF MXP503



- . Wide Ad-NeT+ 200 panel network
- . Supports up to 1.5 km between panels
- . Windows based computer installation
- . Shares network systems up to 1000 zones
- . Network analysis from control panel
- . A/B SCN IN OUT network connection
- . 2 LEDs
- . 20 mA current
- . Easy installation
- . Made in U.K.

FF MXP507



- . Each output can be programmed separately
- . Optional fail-safe installation
- . Research permits to delay
- . Silence options
- . Instant response time
- . Effective cost against hardware
- . Each output 30V AC/DC, 1 Amp
- . Can be programmed in two directions
- . Easy installation
- . Made in U.K.

FF MXP034



- . Each output 1A
- . Open and short circuit monitored
- . Each output can be programmed separately
- . Each output is synchronized on pulse mode
- . Supports up to 16 cards
- . Easy configuration with PC-NET-003
- . Supports up to 64 outputs
- . Can be programmed in two directions
- . Easy installation
- . Made in U.K.

FF MXP538



- . 16 push buttons can be configured
- . 48 programmable LED
- . Can be configured buzzer
- . Fast input response
- . 16 switch plate for each panel
- . 18-24V DC power supply
- . 60 mA current
- . 0°C - 49°C operating temperature
- . Easy installation
- . Made in U.K.

FF MX5020



- . Programmable switch input
- . Large graphic display
- . Ad-NeT/Ad-NeT+
- . Small, robust and compact
- . 24V DC operating voltage
- . Enable / disable option
- . Easy installation
- . Made in U.K.

MULTI SERIES Conventional Series Gas Alarm Panel CONPA



- . 4 zones
- . Pre-Alarm output for each zone
- . Alarm output for each zone
- . General alarm output
- . General fault output
- . Monitored sounder output
- . Working when the power fails with 2 x 12VDC/Ah battery



Addressable Gas Alarm Panel SYN1

- . 1 loop addressable gas alarm panel
- . 240 address capacity
- . Pre-Alarm output for each zone
- . Alarm output for each zone
- . General alarm output
- . Genel fault output
- . Monitored sounder output
- . Working when the power fails with 2 x 12VDC/Ah battery
- . Made in U.K.



MULTI SERIES LPG / Methane Gas Detector Finder NYS01 (12-24V DC) Finder NYS (220 VAC)



- . 3 LED indicators (active, alarm, fault)
- . Relay output and 85 dB alarm
- . IP42 protection class
- . Natural gas APS %5, LPG %2,1
- . Sensor life under normal conditions: 10 years
- . TSE certified



MULTI SERIES LPG/Methane Gas Detector Finder NYS1224 (12-24V DC) Addressable

- . 3 LED indicators (active, alarm, fault)
- . 85 dB alarm
- . IP42 protection class
- . Natural gas APS %5, LPG %2,1
- . Sensor life under normal conditions: 10 years
- . TSE certified



MULTI SERIES CO Gas Detector GF-1224CO (12-24V DC) GF-220CO (220 VAC) GF-1224CO-2, Dual Level (12-24 VDC)



- . 3 LED indicators (normal, alarm, maintenance)
- . Relay output and 85 dB alarm
- . IP55 protection class
- . Alarm output (4 levels). (Level 1 300ppm/ Level 2 100ppm/ Level 3 50ppm/ Level 4 30ppm)
- . Sensor life under normal conditions: 5 years
- . CE certified
- . Manufactured in accordance with TS-EN 50291



MULTI SERIES CO Gas Detector GF-1224CO-AD (12-24V DC) GF-1224CO-2-AD, Dual Level Addressable

- . 3 LED indicators (normal, alarm, maintenance)
- . 85 dB alarm
- . IP55 protection class
- . Alarm output (4 levels). (Level 1 300ppm/ Level 2 100ppm/ Level 3 50ppm/ Level 4 30ppm)
- . Sensor life under normal conditions: 5 years
- . CE certified
- . Manufactured in accordance with TS-EN 50291

MULTI SERIES Parallel Warning LED FF LED



- . Designed specifically for fire alarm systems
- . Visual indicators for inaccessible detectors
- . High quality LED combined with high aesthetic
- . Suitable for wall and ceiling mounting
- . Suitable for recessed and surface mounting



MULTI SERIES LPG / Methane Gas Detector GF TC100N EXPROOF

- . Combustible gas detector
- . Compatible to industrial apps with IP65
- . ATEX certified (EXPROOF)
- . Relay contact org 4-20 mA/RS485 output
- . DC24 V

MULTI SERIES Water Flood Detector WF 1224



- . Alarm contact output
- . 12-24V external power supply

MULTI SERIES Water Flood Detector WF 1224 AD Addressable



- . Addressed type
- . 18-24V power supply via loop

MULTI SERIES
Intelligent Addressed Detectors
FO100MI Optical Smoke Detector
FOH100MI Optical Multicriteria Detector
FH100MI Heat Detector



- . Correct detection with Trace Technology
- . Output addressing
- . Input addressing
- . Test with magnet
- . 4 different operating modes
- . Short circuit isolator



MULTI SERIES
Video Fire Detector
F-EYE

- . Traditional methods of fire detection
- . Harsh environments
- . Effective in places that require evacuation control
- . Dynamically detects fire
- . Security integration with fire safety system
- . Surveillance system

MULTI SERIES
Conventional Detectors
FO200 Optical Smoke Detector
FH200 Heat Detector
FOH200 Multicriteria Detector



- . Correct detection
- . Test with magnet
- . 4 different operating modes
- . Short circuit isolator



MULTI SERIES
Linear Heat Detector
FF Line

- . Work under difficult ambient conditions
- . Provide flexible and continuous protection
- . Provide information about the location and the risk of fire
- . Environmental conditions may change weekly, daily and hourly
- . Early detection
- . Economic

MULTI SERIES
Duct Type Smoke Detector
FF DD



- . Air sampling system (a pipe)
- . New design of sample tube
- . Cable connector for easy installation
- . Test with magnet
- . Filter for dusty places
- . Sensitive flow indicator



MULTI SERIES
Battery Smoke Detector
FF POD100

- . 9V
- . Photoelectric detection
- . Built-in buzzer
- . 85dB sound level
- . Test Button

MULTI SERIES
Electronic Sounder
FF ES150



- . 24V, 20mA current consumption
- . 4 tones
- . Aesthetic design
- . ABS outer surface
- . Locking facilities against sabotage
- . Internal and external use type



PathFinder
Emergency Lighting Unit
FP-AY-M-C / FP-AY-N-C

- . Single-sided type
- . 98% light output with high transparent polycarbonate reflector
- . FP-AY-M-C works continuously
- . FP-AY-N-C works in power failure
- . Long battery life with Li-on battery
- . It is not affected by heat and voltage fluctuations
- . Longer battery life with low current charging feature

MULTI SERIES
Electronic Sounder & Beacon
FF ESF150



- . 24V, 20mA current consumption
- . 4 tones
- . Aesthetic design
- . ABS outer surface
- . Locking facilities against sabotage
- . Internal and external use type




PathFinder
Emergency Signing Unit
FP-YO-M-C / FP-YO-N-C

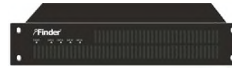
- . It is not affected by heat and voltage fluctuations
- . It has homogeneous light fluctuations
- . Longer battery life with low current charging feature
- . FP-YO-N-C works in power failure
- . FP-YO-M-C works continuously

Digital Network PA & Voice Alarm Controller
FV VA-6000MA



EN54-16 


- 1.5" HD color touch graphical operation interface
- One key touch for emergency alarm
- Support zone selection, zone distribution, grouping operation
- Support customized zone name, group name, host name, easy to operate & manage
- Support event trigger, timing trigger control output
- Support zone monitor, equipment status real-time check



EN54-16 

Fireman Microphone
FV VA-6000FM




EN54-16 

- MIC output level is adjustable
- Priority of paging can be set
- Built-in HI-FI monitor speaker, support monitor output
- Onekey to fast enter into emergency broadcast status
- With external headset jack, to monitor or recording the paging voice


Voice Recorder
FV VA-6000RC



EN54-16 

- Supporting long time, loop recording auto overwriting the oldest audio file
- Supporting 2 control methods of both CAN trunk and relay contact
- External storage, convenient file accessing
- SD card connection state detection



EN54-16 

Remote Microphone
FV VA-6000RM



EN54-16 

- Microphone output level is adjusted
- Control priority right is available
- Built-in HI-FI monitor speaker with monitor output
- One press into the paging status
- External headphone jack can monitor or record paging voice



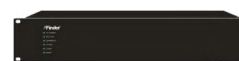
EN54-16 


Microphone Extension Unit
FV VA-6000EM



EN54-16 

- Onekey zone
- Group selection
- Easy to understand
- Easy to operate
- Clear working status of different zones
- 0.1 A maximum current
- 5V DC power supply
- 0.5W power consumption
- 65 x 52 x 149 mm dimension
- 0.5 kg net weight
- Desktop mounting



EN54-16 

Power Amplifier
FV VA-PXXX Series

- Modular design
- Overload, short circuit protection
- Auto temperature control
- Auto line monitoring and reporting
- LED indicator
- Main and backup amplifier auto switch
- Auto speaker line check
- 2U mount

FV VA-P 120 1 Channel - 120 Watt
FV VA-P 240 1 Channel - 240 Watt
FV VA-P 350 1 Channel - 350 Watt
FV VA-P 500 1 Channel - 500 Watt

FV VA-P2120 2 Channels - 120 Watt
FV VA-P2240 2 Channels - 240 Watt
FV VA-P2350 2 Channels - 350 Watt
FV VA-P2500 2 Channels - 500 Watt

FV VA-P4120 4 Channels - 120 Watt
FV VA-P4240 4 Channels - 240 Watt
FV VA-P4350 4 Channels - 350 Watt
FV VA-P4500 4 Channels - 500 Watt

Terminal Detector
FV VA-6000T

- Integrated aluminum body
- Elegant appearance
- No need outer power supply
- Easy installation
- Easy wiring


8 Channels Changerover
FV VA-6000MS

- 2U chassis design, high integrated, modularization
- Support speaker circuit grounding, open circuit and short circuit detection
- Support 3/4 wire horn circuit wiring
- 8 programmable trigger input interfaces
- 8 programmable trigger output interfaces
- Support lines redundancy wiring
- Support linkage to fire alarm controller

Power Supply & Battery Charger
FV VA-6000BC

- Select charging mode automatically
- Storage battery failure, overvoltage, over-temperature and overtime charging detection
- Automatic temperature control fan and overheating protection
- Storage battery can be changed, will not be influenced by the change of AC power supply



EN 54 - 24 

**Fireproof Ceiling Speaker
FV HF-606**


- Built-in 100V/70 V transformer
- 5"-6" Fireproof speakers
- 0,75W - 9W
- Ceramic connectors
- Thermalfuse
- Fireproof rear housing
- Fireproof cable



**Ceiling Speaker
FV H-104/105/106**

- Built-in 100V/70 V transformer
- 4-5-6" speakers
- Ceiling type mount
- 3W-6W
- Metal type
- RAL 9016 white



EN 54 - 24 

**Fireproof Ceiling Speaker
FV HF-565/575/585**


- Built-in 100V/70 V transformer
- 5"-6" Fireproof speakers
- 0,38W- 0,75W- 1,5W-3W- 6W
- Ceramic connectos
- Thermalfuse
- Fireproof rear housing
- Fireproof cable



**Column Speaker
FV H-775**

- Built-in 100V / 70V transformer
- 5" speaker
- 20W
- Wall ceiling type mount
- RAL 9016 white



EN 54 - 24 

**Fireproof Ceiling Speaker
FV HF-104C/105C/105CA**

- Built-in 100V / 70V transformer
- 4"-5" Fireproof speakers
- 1,5W-9W
- Ceramic connectos
- Thermalfuse
- Fireproof rear housing
- Fireproof cable
- Tweeter



**Projector Outdoor Speaker
FV H-570**

- Built-in 100V / 70V transformer
- Projector type
- 15W
- External, internal mount
- RAL9016 white



EN 54 - 24 

**Fireproof Wall Speaker
VTF 700**

- Built-in 100V / 70V transformer
- 5" Fireproof speaker
- 0,75W-1,5W - 3W - 6W
- Ceramic connectos
- Thermalfuse
- Fireproof rear housing
- Fireproof cable



**Wall Speaker
FV H-700**

- Built-in 100V / 70V transformer
- 2 ways speaker unit
- 1,5W / 3W / 6W / 12W / 40W
- Wall mount
- Metal grill and ABS housing



**Projector Outdoor Speaker
FV H-570**

- Built-in 100V / 70V transformer
- Projector type
- 15W
- External, internal mount
- RAL9016 white



**Volume Control Units
FV VC 6 FC / FV VC 60 FC
FV VC 200 FC / FV VC 30 FC
FV VC 120 FC**

- Without relay FV VC XXX
- ABS or metal box

With relay

- 6 Volume control 6 Watt, with relay
- 30 Volume control, 30 Watt, with relay
- 60 Volume control, 60 Watt, with relay
- 120 Volume control, 120 Watt, with relay
- 200 Volume control, 200 Watt, with relay

Automatic Extinguishing System Features

Sigma XT3-1 Superior Features

- * Approved to EN12094-1, EN54-2 and EN54-4
- * Three detection zones as standard
- * Any single zone or any combinations of zones can be configured to release
- * Configurable first stage sounder delays
- * Configurable detection delays
- * Zero time delay upon manual release option
- * Built in Extract Fan control
- * Countdown timer shows time remaining until release
- * Supports up to seven, four wire status indicators



Detector



Discharge Button



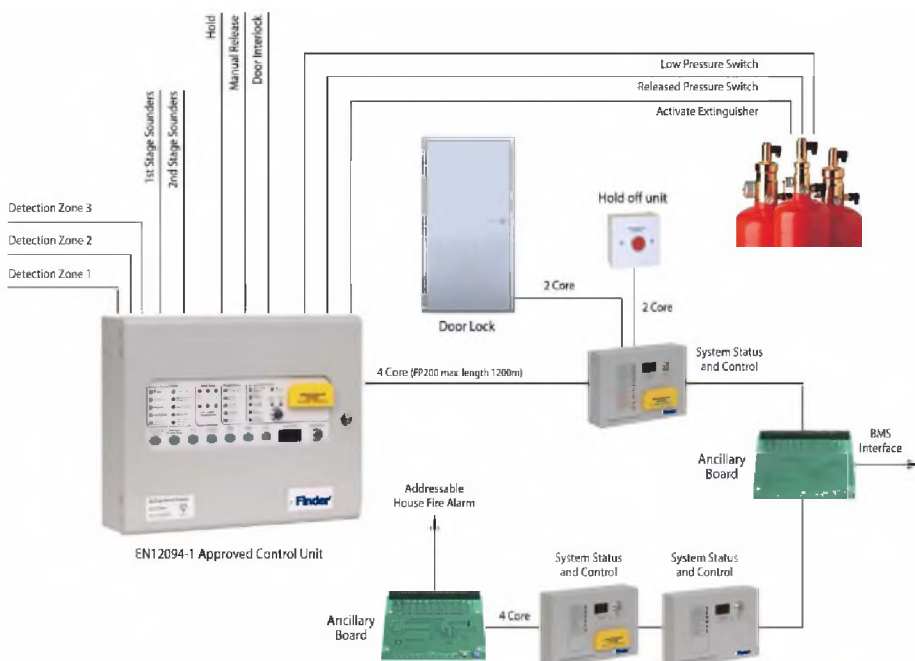
Blocking Button



Electronic Sounder



Sounder Beacon



BSM - Access Control Management Software



- Contactless card management system, an advanced access control and alarm management software
- Database mirroring, system backup and import/export increase efficiency and security of the system
- Standard access control features, time slots, access level, etc
- Contactless card management system offer many functions; password protection, antipassback (global, local and time interlock, counter numerous levels, controller display message)
- Elevator control
- Visitor management
- Access control / PDKS - Employee Attendance Control System / Guard tour / Real-time monitoring / Visual identity / movement and alarm monitoring and control / Access rights recognition / Multi-user support / Event memory

Control Unites

- FA C2001.NET 1 Door 2 Reader**
- FA C2002.NET 2 Door 4 Reader**
- FA C2004.NET 4 Door 4 Reader**



- TCP/IP communication
- works online/offline
- Flexible user privileges scheme
- Remote door opening, locking
- Editable and printable report format
- Multi-user control
- Anti-passback and Anti-queue
- Interface locking
- Locking based on internal/external verification for door population control
- Wiegand 26-Bit
- 20.000 cards capacity
- Optional lift control



Control Unites

- FA C2001 1 Door 2 Reader**
- FA C2002 2 Door 4 Reader**
- FA C2004 4 Door 4 Reader**

- RS485 communication
- works online/offline
- Flexible user privileges scheme
- Remote door opening, locking
- Editable and printable report format
- Multi-user control
- Anti-passback and Anti-queue
- Interface locking
- Locking based on internal/external verification for door population control
- Wiegand 26-Bit
- 20.000 cards capacity
- Optional lift control

A300 Standalone Finger Print Reader



- Employee attendance control system
- 300MHz high-speed processor
- BioNano core fingerprint algorithm
- Flexible user privileges scheme
- New generation fully waterproof, closed and dustproof fingerprint sensor
- Real-time data transfer
- Online monitoring
- Fingerprint capacity : 2000
- Recording capacity : 50000
- ID rate: 0,5 seconds



VF30 Finger Print Reader

- Wiegand 26 - Bit
- High performance and reliability
- BioNano core algorithm platform
- Scratch-proof, unbreakable and durable
- Optical waterproof fingerprint sensor
- Standart fingerprint reader (optional)
- RFID / Mifare / HID card reader
- RS485, USB device and TCP/IP for network
- Direct lock control is used to open the door
- Real-time data download
- Online monitoring
- Fingerprint capacity : 10000
- Recording capacity : 32000
- ID rate : 0,5 seconds

Fingerprint Readers

Fingerprint reader



- Fingerprint reader
- RFID card reader
- 10 cm reading distance
- 12V



Card Readers

RFID - Reader

- 125 Khz
- Wiegand 26-Bit
- 10 cm reading distance
- 12V

Aesthetic, optional, large card reader options



Access Control System Superior Features

Functional Control Units

- Web application system management
- RS485 or TCP/IP communication
- 100.000 history event log
- 20.000 users per controller
- Up to 4 readers per controller
- Opened door control
- Remote door opening
- Emergency locking
- Anti pass back or queue
- Door opening with double card
- Electronic map
- Card, password, super password features
- Lift control function
- Visitor manager



FG ACS ZY

Visitor Management

- Access permissions
- Floor / Door permissions
- Timing permissions
- Restricted area
- Input and output records
- Identification

FG ACS LIFT

Elevator Control Module

- Control up to 128 floors
- In-cab card reader
- Out-cab card reader
- Floor permissions
- Free programmable

FG ACS I/O

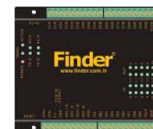
Digital Input / Output Module

- TCP / IP communication
- 10 inputs
- 10 outputs
- Full integration
- Free programmable

FG ACS I/Ox

Digital Input / Output Module

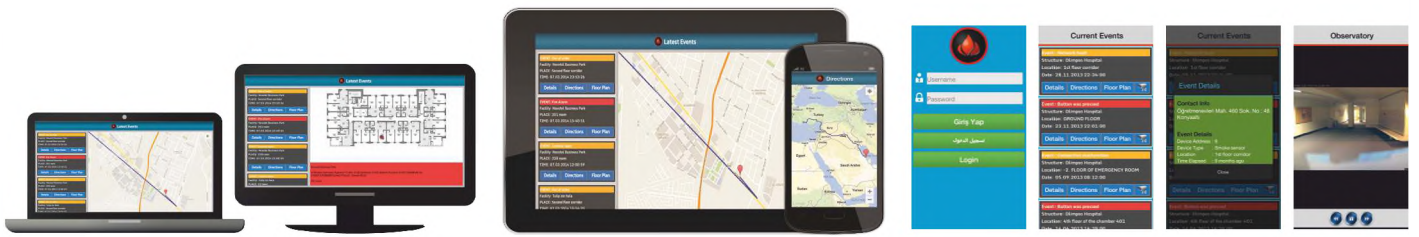
- TCP / IP communication
- 12 inputs
- 6 outputs
- Full integration
- Free programmable



Full Integration

- Possibility of integration with CCTV Systems (Open protocol)
- Possibility of CCTV IP camera connectivity (Open protocol)
- Possibility of CCTV video server (Analog camera)
- Unlimited camera
- Monitor : Display / Record / Photo
- Incorrect login control
- Opened door control
- Opened door for long time control
- Alarm control
- Card holder image verification
- Visitor management
- Elevator control
- Visitor monitoring

BSM



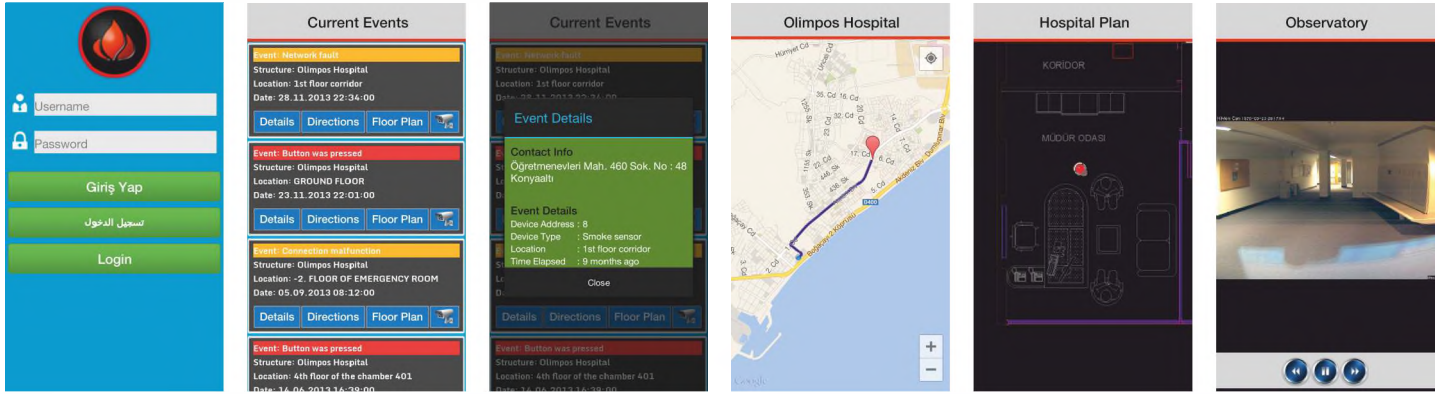
Finder Electronic Systems Monitoring System

- * Fire and security systems must integrate to each other to meet expectation
- * A centralized monitoring and controlling management is important for buildings
- * The remote monitoring prevents to the misuse or the mistake of the user
- * Fire and security systems should not be affected by user mistakes
- * The remote monitoring through smartphone is a user friendly option

KEEP EYE 24/7 ON YOUR FIRE ALARM SYSTEM!

All faults and alarms with building detailed information and route map can be seen on mobiles and table

- * The user can get detailed information about their fire alarm system.
- * The services company can give service on time and get additional benefits.
- * The fire brigade can get detailed information and reach building on the suitable time.



AMC PACKAGE COMPONENTS

- * FG AMC 1/2IN Ethernet communicator
- * FG AMC 2/3IN Ethernet and GSM communicator
- * FG AMC 1/12IN Ethernet communicator 12 input

For more detailed information, please contact export@finder.com.tr



LPCB
www.bookline.com

Certificate of Product Approval
Certificate Number: 928b-(d-1) Issue: 03

Finder Elektronik A.S.
Liman Mah. 6. Sok. No:10
07070 Konyaaltı
Antalya
Turkey

Products
Smoke Detectors
FF 0200
FF 0200A

Standards
EN 54-7:2000 + A1:2002 + A2:2006
EN 54-17:2005

bre

LPCB
www.bookline.com

Certificate of Product Approval
Certificate Number: 928c-(d-1) Issue: 03

Finder Elektronik A.S.
Liman Mah. 6. Sok. N: 10
07070 Konyaaltı
Antalya
Turkey

Products
Multi-Sensor/Multi-Criteria Detectors
FF 07200
FF 07200A

Standards
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
EN 54-17:2005
CSA4021-2003

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LPCB
www.bookline.com

Certificate of Product Approval
Certificate Number: 928a-(d-1) Issue: 03

Finder Elektronik A.S.
Liman Mah. 6. Sok. No: 10
07070 Konyaaltı
Antalya
Turkey

Products
Heat Detectors
FF 1200
FF 1200A

Standards
EN 54-5:2000 + A1:2002
EN 54-17:2005

bre

Certificate

Kitemark® Sub-Licence

Finder Elektronik Ltd
Antalya, Turkey

BS EN 54-2: 1998 and BS EN 54-4: 1998

Product Information

Model Reference	Type
Synco Finder	2 Loop Analogue Addressable Control and Indicating Equipment
Synco Finder	2 Loop, 16 Zone Analogue Addressable Control and Indicating Equipment
Synco Finder	2 Loop, 48 Zone Analogue Addressable Control and Indicating Equipment
Synco Finder	2 Loop, 96 Zone Analogue Addressable Control and Indicating Equipment
Synco Finder	4 Loop Analogue Addressable Control and Indicating Equipment
Synco Finder	4 Loop, 16 Zone Analogue Addressable Control and Indicating Equipment
Synco Finder	4 Loop, 48 Zone Analogue Addressable Control and Indicating Equipment
Synco Finder	4 Loop, 96 Zone Analogue Addressable Control and Indicating Equipment

BSI

Certificate

Kitemark® Sub-Licence

Finder Elektronik Ltd
Antalya, Turkey

BS EN 54-2: 1997 + A1 & AC and BS EN 54-4: 1998 + A1 & A2

Product Information

Model Reference	Type
Synco Finder	1 Loop, 16 Zone Analogue Addressable Control and Indicating Equipment
Synco Finder L&A	1 Loop, 16 Zone Analogue Addressable Control and Indicating Equipment
Synco Finder	2 Loop, 16 Zone Analogue Addressable Control and Indicating Equipment

BSI

Certificate

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BSI

Zertifikat Certificate

Anerkennung von Bauteilen und Systemen Approval of Components and Systems

VdS

Finder Elektronik Ltd
Liman Mah. 1. Cad. 6. Sok. No: 4
Konyaaltı, Antalya, Turkey

Ingangs-/Ausgangsgerät / Input-output device VM100

BSI

Zertifikat Certificate

Anerkennung von Bauteilen und Systemen Approval of Components and Systems

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Finder Elektronik Ltd
Liman Mah. 1. Cad. 6. Sok. No: 4
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Konyaaltı, Antalya, Turkey

Ingangs-/Ausgangsgerät / Input-output device VM100

BSI



İstanbul Aksaray Vergi Dairesi



Kentplus Centrium Residence



Brandium Alışveriş Merkezi



Hilton İstanbul Kozyatağı



Brandium Residence



Prestige Mall Alışveriş Merkezi



G Plus



Ottomare Suites



Karden Avenue



Silence İstanbul Otel ve Kongre Merkezi



Crystal Nirvana Clup Hotel



Club Ali Bey Side



Maxx Royal Hotel Belek



Golden Savoy Hotel & SPA



Rubi Platinum Hotel & Spa



Kayseri Havalimani



Crystal Waterworld Resort & SPA



Kars Havalimani



Balıkesir Havalimani



Antalya Akvaryum



Adopen Antalya



Fire and Gas Alarm Systems

 Public Announce Systems

 Access Control Systems

 Building Management Systems