



G2 Security Catalogue 2012

Fire & Security Portfolio



Products

- TDSi Access Control
- ACTi IP Cameras
- 1X, ZP2, ZP3 & Aritech Fire Panels
- Xtralis Vesda HSSD

Date: 04/04/2012

TDSi Access Control

MICROgarde®

MICROgarde is TDSi's entry level cost-effective range of networkable access control products, allowing you to enjoy many of the benefits of bigger systems, without the need for big budget.



Easy Access Everywhere

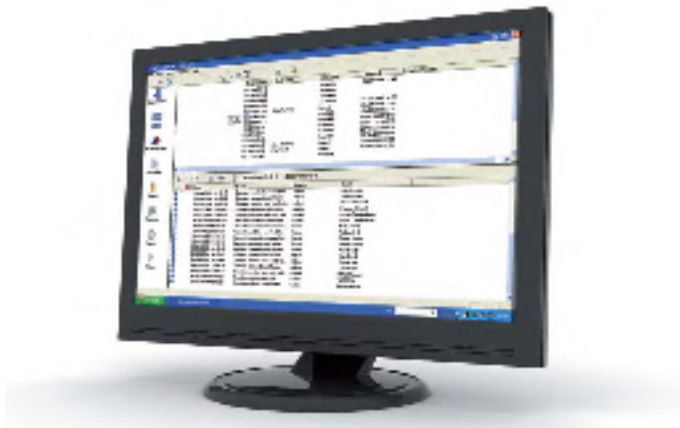
Whether you're an installer, systems integrator or end-user, TDSi's **MI-CROgarde®** platform can offer something to satisfy your security or business needs.

MICROgarde®'s ease of installation, reduced cost of ownership and competitive pricing make it simply the best value for money and most practical access control solution available.

The free Microsoft Windows® based PC software provides support for a network of up to 200 **MICROgarde®** controllers. It features some handy tools such as automatic controller detection, unlimited user definable holidays, automatic fire door release and timesheet reports. But you are not at all limited by the **MICROgarde®** software solution. If you need the benefits of more advanced integration, such as CCTV, biometrics, Photo ID badge design then you can migrate to TDSi's EXgarde PRO access management software.

For installers there are many useful features that have been designed into **MICROgarde®** that significantly reduce effort and time and hence cost. Firstly a colour coded label shows all wiring connections, so if you are us-

MICROgarde® access management PC software



- * **MICROgarde®** software is easy to install and use for the control of between 1 and 200 **MICROgarde® II** access control units.
- * Every **MICROgarde®** controller is supplied with this software free of charge.
- * Included is a Controller Wizard that automatically detects and guides you through the setup of controllers greatly reducing commissioning time.
- * **MICROgarde®** controllers can be connected to serial ports, TCP/IP ports or a combination of both providing maximum flexibility.
- * Anti-passback and man trap (interlock) feature of the controller are fully supported.
- * Fire door release feature allows the interfacing of the **MICROgarde®** system to a fire panel. Release selected doors in the event of the fire alarm being activated.
- * An enrolment reader feature allows you to specify any reader in the system on which cards can be enrolled. This removes the need to purchase a separate enrolment reader.



MICROgarde® II Network Controller

2 Door Controller complete with metal enclosure, power supply and free MICROgarde Software

Part No: 5002-1900



MICROgarde® Input/Output Module

4 supervised inputs and 2 relay outputs. Fits onto main controller board. Used to connect to other systems such as building management systems, fire and intruder panels.

Part No: 5002-1811



EXprox Proximity Reader

Proximity Mullion Reader complete with robust ABS plastic covers in Ivory and Graphite.


Part No: 5002-0354



DIGIgarde PLUS Biometric Reader

Multifunction biometric finger print reader with PIN pad, in-built MIFARE card reader and display screen.

Part No: 5002-0455



MICROgarde® IP Module

Fits onto the controller and allows direct connection to TCP/IP network.



Part No: 5002-1812

EXprox²

Square proximity keypad with Ivory and Graphite ABS plastic covers



Part No: 5002-0395

Optica Proximity Reader w Keypad

Blue LED backlit keypad. Industry standard clock & data or Wiegand.



Part No: 5002-0390

Optica VR Stainless Steel Proximity Reader w Kepad

Vandal resistant proximity reader with blue LED backlit keypad.



Part No:5002-0391

Proximity Wedge Reader

Keyboard proximity wedge reader connects locally to PC which inputs



USB: 2920-0233

TDSi Proximity Card

Part No: 4262-0245

TDSi Proximity Card with HICO Magnetic Stripe (Not encoded)

Part No: 4262-0247

**TDSi Proximity Keyfob**

Part No: 4262-0246



Locks and Door hardware



10000ST

Electromagnetic Lock Waterproof Magnet 12/24VDC
600lbs(272Kg) Mortis Mount, Unmonitored



10000ST

Electromagnetic Lock Waterproof Magnet 12/24VDC
600lbs(272Kg) Mortis Mount, Monitored (for sliding
gate)



10000

Electromagnetic Lock (indoor) Magnet 12/24VDC
600lbs(272Kg) Mortis Mount, Unmonitored



10000R

Electromagnetic Lock (indoor) Magnet 12/24VDC
600lbs(272Kg) Mortis Mount, Monitored



ML-300-SW

Electromechanical Lock 12/24VDC/VAC
Fail-safe/secure, lock bolt sensor for single or double
action doors (cylinder not included)

GEM-600

Electromagnetic lock 12/24 VDC,
600lbs (272kg) New style
mounting plate,
unmonitored

**GEM-600**

Electromagnetic lock 12/24 VDC,
600lbs (272kg) New style
mounting plate,
monitored

**GK300-1224**

Electric Strike 12/24VDC, Latch
width up to 45mm for wooden
frame doors,

**LZ-GEM-600**

LZ Bracket for GEM-600

**ECY-72D**

European cylinder double

**ECY-72S**

European cylinder single

**DL-400**

Flush mount door loop (Mortise
Mount)

**DL-350-SP**

Square aluminium sleeve surface
mount door loop 40cm





Connecting Vision

ACTi Corporation is the technology leader in IP surveillance, focusing on multiple security surveillance market segments. ACTi's extensive technology innovations in the development of H.264/M-PEG4/MJPEG has empowered ACTi's worldwide partners and customers to enjoy best quality video performances from VGA up to Megapixel resolution at minimum bandwidth.

The core value of ACTi is the ability to develop, integrate and market complete end-to-end solutions for our clients in the IP surveillance market. ACTi's technology advancements enable complete solution offerings to cover all segments of the security market. Not only offering the IP surveillance hardware such as IP Cameras and video servers, all ACTi products are bundled with free management software.

NEW 4 Megapixel Hemispheric Camera

KCM-3911



Indoor 180° or 360°, panorama and ePTZ viewing
H.264/MPEG-4/MJPEG
Fisheye lens 1.05mm/F2.8 Fixed Iris, Fixed Focus
Day/Night
DC12V OR PoE
Digital Input/Output

1.3 Megapixel Cube Camera

TCM-4511



Indoor
H.264/MPEG-4/MJPEG
CMOS lens f4.2mm/F1.8 fixed iris, changeable lens
Day/Night; Dual Stream
PoE

TCM-4201



Indoor
H.264/MPEG-4/MJPEG
CMOS lens f4.2mm/F1.8 fixed iris, changeable lens
Day/Night, Dual Stream
DC3.3V or DC12V OR PoE
Digital Input/Output

1.3 Megapixel Bullet Camera

TCM-1111



Outdoor IP66 rated
H.264/MPEG-4/MJPEG
CMOS lens f4.2mm/F1.8 fixed iris lens
Day/Night with built-in IR LED
PoE

TCM-1231



Outdoor IP66 rated
H.264/MPEG-4/MJPEG
CMOS lens f4.2mm/F1.8 fixed iris lens
Day/Night with built-in IR LED
DC3.3V or DC12V OR PoE
Digital Input/Output
Wide Dynamic Range

1.3 Megapixel Fixed Dome Camera

TCM-7411 Outdoor Weatherproof (IP66) and Vandal Proof
H.264/MPEG-4/MJPEG
Varifocal f3.3-12mm/F1.6 Fixed Iris
Day Night with IR LED
Wide Dynamic Range
Digital Input/Output



TCM-7811 Outdoor Weatherproof (IP66) and Vandal Proof
H.264/MPEG-4/MJPEG
Varifocal f3-9mm/F1.2 DC Iris
Day Night with IR LED
Digital Input/Output



TCM-3111 Indoor
H.264/MPEG-4/MJPEG
Fixed focal f4.2mm/F1.8 Fixed Iris*
Day Night
*Optional wide angle lens model f2.8mm/F2.0



TCM-3511 Indoor
H.264/MPEG-4/MJPEG
Varifocal f3.3-12mm/f1.6 fixed iris
Day Night with IR LED
2-way Audio and Digital Input/Output



4 Megapixel Fixed Dome Camera

KCM-3311 Indoor 3.6 x Optical Zoom
H.264/MPEG-4/MJPEG
P-Iris f3.3-12mm/F1.4-2.9
Day Night



KCM-7111 Outdoor IP66 Vandal Proof
H.264/MPEG-4/MJPEG
Fixed focal f2.8mm/F2.0 fixed Iris
Day Night
2-way Audio and Digital Input/Output



KCM-7211 Outdoor IP66 Vandal Proof 3.6 x Optical Zoom
H.264/MPEG-4/MJPEG
P-Iris f3.3-12mm/F1.4-2.9
Day Night
2-way Audio and Digital Input/Output



D1 Speed Dome Camera

TCM-6630 Outdoor
H.264/MPEG-4/MJPEG
35* Optical Zoom, 12* Digital Zoom
Auto Iris
Day Night



1.3 Megapixel Box Camera

TCM-5111



Indoor
 H.264/MPEG-4/MJPEG
 Bundled Fixed Focal lens f4.2mm/F1.8 Fixed Iris
 Day Night

TCM-5311



* The lens is not included

Indoor
 H.264/MPEG-4/MJPEG
 Lens not included; Compatible with DC Iris lenses
 Day Night
 2 way Audio and Digital Input/Output

2 Megapixel Box Camera

KCM-5311



Indoor 35 x Optical Zoon
 H.264/MPEG-4/MJPEG
 DC Iris f3.5-122.5mm/F1.65-4.5
 Day Night
 2 way Audio and Digital Input/Output

KCM-5311E



Outdoor IP66 rated 35 x Optical Zoon
 H.264/MPEG-4/MJPEG
 DC Iris f3.5-122.5mm/F1.65-4.5
 Day Night
 2 way Audio and Digital Input/Output
 Extreme Dynamic Range and Digital Noise Reduction

4 Megapixel Box Camera

KCM-5111



Indoor
H.264/MPEG-4/MJPEG
Bundled fixed focal lens f2.8mm/F2.0 fixed Iris
Day Night

KCM-5211



Indoor 18 x Optical Zoom
H.264/MPEG-4/MJPEG
Zoom f4.7-84.6mm/f1.6-2.8 DC Iris
Day Night with IR LED
2-way Audio and Digital Input/Output

KCM-5211E



Outdoor IP66 18 x Optical Zoom
H.264/MPEG-4/MJPEG
Zoom f4.7-84.6mm/F1.6-2.8 DC Iris
Day Night with IR LED
2-way Audio and Digital Input/Output
Extreme Dynamic Range

Installation Tool

PMON-1001



Installation Kit provides PoE power to camera and
Wireless access via iPhone or iPad using free app
"CameraGo!"

ACTi CMS v1.1



Video Management System.
 Unlimited NVR Enterprise Server Management

ACTi NVR PROFESSIONAL



Video Management System.
 NVR Workstation Day Night

ACTi NVR ENTERPRISE



Video Management System.
 NVR Web Client and NVR Workstation

ACTi Utility



IP Utility and snapshot utility;
 Archive player and media Converter; Backup Wizard
 Streaming Explorer; Mobile Explorer

XNR-4200



Up to 64 cameras
 Up to 4 Megapixel Resolution
 H.264/MPEG-4/MJPEG
 Embedded Linux
 Remote access via PC Web browser

GNR-2000



Up to 16 cameras
 Up to 4 Megapixel Resolution
 H.264/MPEG-4/MJPEG
 Embedded Linux
 Remote access via PC Web browser

* Price excludes hard drives. Additional licenses are R880 per channel.



ACD-2100



1 Channel
MPEG-4/MJPEG

ACD-2300



8 Channel
MPEG-4/MJPEG

ACD-2400



16 Channel
H.264/MPEG-4/
MJPEG

ACD-3100 Decoder



1 Channel Decoder
MPEG-4/MJPEG
Output: BNC * 1; S-
Video * 1

TCD-2100



1 Channel
H.264/MPEG-4/
MJPEG

ACD-2100T



1 Channel
MPEG-4/MJPEG
Extended

TCD-2500



1 Channel
H.264/MPEG-4/
MJPEG

ADD-2000Q



4 Channel
MPEG-4/MJPEG
Quad Mode

1X Conventional Fire

A UTC Fire & Security Company

Conventional Fire Control

The 1X life safety control panel offers the speed of high-end intelligent processing in configurations that deliver an uncomplicated solution for small to mid-sized conventional applications.

They feature an attractive contemporary design that fits with any décor.

With conventional detection and a full line of easily configured option cards and modules, these quick-to-configure systems offer versatility that benefits building owners and life safety system suppliers alike.

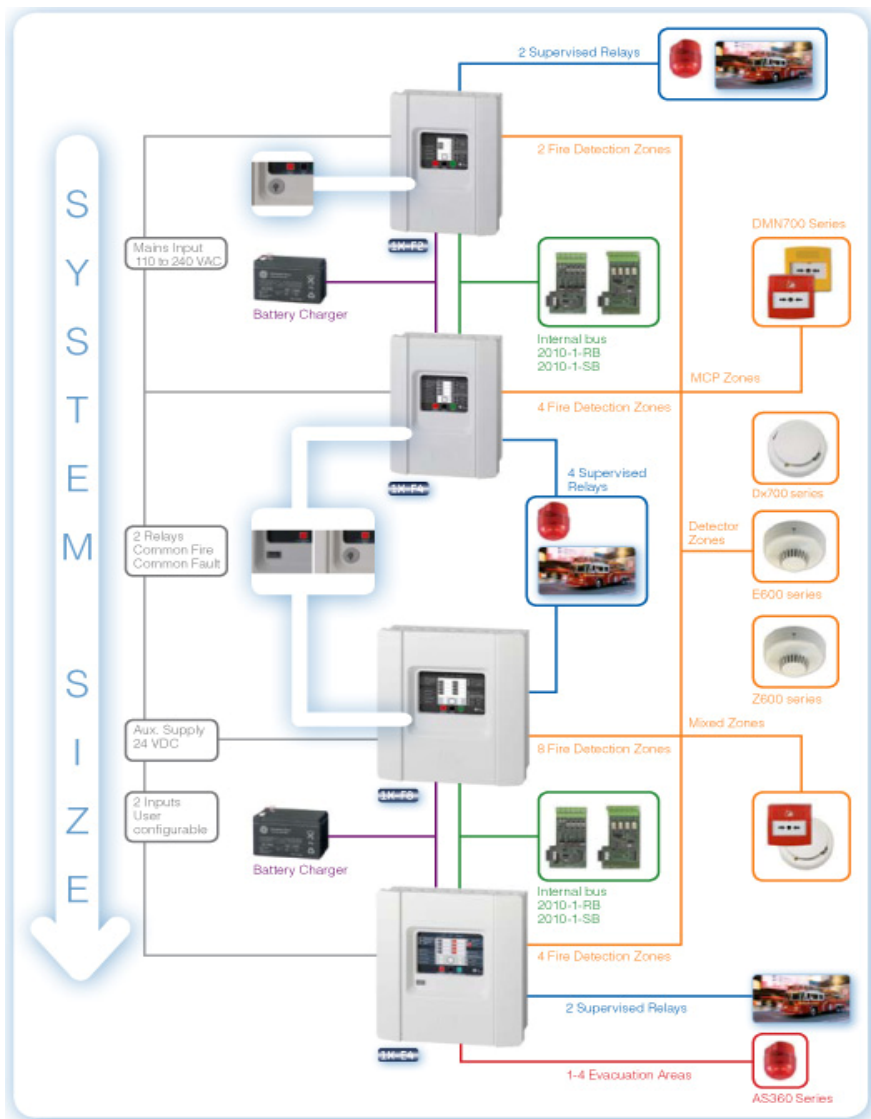


- ◇ Modern, elegant design
- ◇ Easy removable parts for quick and clean installation
- ◇ Standard EN54 fire alarm control panels with 2,4 and 8 zones
- ◇ Normal and head-out (active end-of-line) zone support
- ◇ Supervised alarm notification & fire protection* outputs
- ◇ Class change, day/night & remote control facilities
- ◇ Auxiliary standard & supervised relay output boards

System Options

- ◇ Fire zones configurable for automatic detector, manual call point or mixed modes (MCP and detector)
- ◇ Zones supervision configurable for standard or active end-of-line support
- ◇ E600 (Apollo) and Ziton Z600 detector support

1X Configuration Possibilities



1X-F2-99 2 Zone Control Panel



- 2 zones, up to 32 devices per zone
- 2 sounder output relays
- 2 conventional relay outputs dedicated to com-

1X-F4-99 4 Zone Control Panel



- 4 zones, up to 32 devices per zone
- 4 sounder output relays
- 2 conventional relay outputs dedicated to com-

1X-F8-99 8 Zone Control Panel



- 8 zones, up to 32 devices per zone
- 4 sounder output relays
- 2 conventional relay outputs dedicated to com-

1X Series Relay Output Boards

Provides 4 auxiliary outputs



Part Number	Description
2010-1-RB	Relay Board Unsupervised
2010-1-SB	Relay Board Supervised



Detector Base



Part No: 83901

Optical Detector



Part No: 133701

Heat Detector



Part No: 172401

Manual Call Point



Part No: DMN700R

Manual Call Point Back Box



Part No: DMN787

150mm Bell, 24Vdc



Part No: AB360

Siren 24Vdc



Part No: AS363

Combined Siren/Strobe, 24Vdc



Part No: AS366

ZP2 Analogue Addressable



This exciting product range offers a 1 loop and a 2 loop panel (expandable to 4 loops), available in small and large cabinet size variants. A total of 32 nodes in one configuration can be achieved.

The ZP2 addressable range is an **all-in-one feature-rich solution** that drives efficiencies for all of our customers, installers, service technicians and end-users.

User Friendly

- Panel wizards for easy configuration
- Uploads via USB cable, memory stick or Ethernet
- Upload of company logo to display on panel
- Networks with other ZP2 and 1X conventional panels

ZP2-F1-S-99 1 Loop Addressable Fire Panel

- 1 Loop panel with up to 64 zones
- Small form cabinet
- Optional 24 LED zone indicator


ZP2-F1-99 1 Loop Addressable Fire Panel

- 1 Loop Panel with up to 64 zones
- Large form cabinet
- Optional 40 LED zone indicator

ZP2-F2-S-99 2 Loop Addressable Fire Panel

- 2 Loop Panel with up to 128 zones
- Small form cabinet
- Optional 24 LED zone indicator

ZP2-F2-99 2 Loop Addressable Fire Panel

- 2 Loop Panel with up to 128 zones
 - Large form cabinet
 - Optional 40 LED zone indicator and can be expanded to 4 loop panel
-
- 



2010-2-NB Network Card

This communication card connects ZP2panels together to form a network

Part No: 2010-2-NB



ZP2-LB 2 Loop Expansion Card

Serial communications interface used to connect the fire alarm panel to external devices i.e.

Part No: ZP2-LB

ZP2-FR-S-99 Repeater Panel



Repeater panel in small cabinet

Optional 24 LED zone indicator

ZP2-FR-99 Repeater Panel



Repeater panel in large cabinet

Optional 40 LED zone indicator



ZP2 Fire Panel Accessory Boards

ZP2-ZI-20	20 zone LEDs
ZP2-ZI-24-S	24 zone LEDs for small cabinet only
ZP2-ZI-40	40 zone LEDs
ZP2-BZ	Blank Zone Insert

ZP2 Fire Panel Programming Tools

2X-PCC-CD	Software configuration utility
2010-2-FTP-C30	FTP Cat5 Cable 3 meter
2010-2-USB-C30	USB Cable A to B 3 meter

ZP3 Analogue Addressable

A UTC Fire & Security Company

Designed for networkable configuration

The ZP3 system addresses the mid-to high-end commercial and industrial market.

The range offers panels from 1-4 loops. The panel has network capabilities for up to 255 nodes. The wide range of loop devices and optional cards ensure that the system is configurable for most applications.

Completing the range is user-friendly configuration, maintenance and monitoring software.

Other features include:

- ◇ Large 160 character LCD display and traditional LED indicators
- ◇ Automatic contamination adjustment, compensating for sensitivity drifts
- ◇ Sophisticated alarm verification, offers two time integration levels for each separate address
 - ◇ Day/Night control
 - ◇ Sounder Self Test
 - ◇ Radio loop interface
 - ◇ Password protection
 - ◇ Event log—up to 1000 alarms, faults and disablements can be displayed or printed





ZP3 1 Loop Panel

Up to 127 line devices per loop

Complies fully with EN54 parts 2 and 4

Extensive networking ability



ZP3 2 Loop Panel

Up to 127 line devices per loop

Complies fully with EN54 parts 2 and 4

Extensive networking ability



ZP3 4 Loop Panel

Up to 127 line devices per loop

Complies fully with EN54 parts 2 and 4

Extensive networking ability



ZP3 Remote Display Unit (RDU)

Repeater panel - Remote Control and Indication

Part Number

Description

71601

Remote Display Unit

48208

Repeater Driver Card





ZP3-NET1 Network Card

This communication card connects ZP3 panels together to form a network

Part No: 48501



ZP3-RS232 Serial Communications Card

Serial communications interface used to connect the fire alarm panel to external devices i.e.

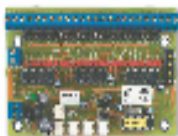
Part No: 48601



ZP3AB-MIP8 Input Board

8 inputs from normally open volt free contact

Part Number	Description	Price
48901	8 Way Input Board	
70011.101	Accessory Chassis Plate	



ZP3AB-OP24 Output Board

24 Programmable transistorised, open collector outputs

Part Number	Description	Price
69902	24 Way Transistor Output Board	
70011.101	Accessory Chassis Plate	



ZP3AB-MA8

8 way monitored alarm driver board

Part No: 48701

ZP3AB-RL8

8 way relay board

Part No: 48801

ZP730 Optical Sensor

Early response to slow burning, smouldering fires

Part No: 010401

ZP720 Thermal Sensor

Adjustable between 4 levels from 58 to 75 degrees.

Part No: 101501

ZP732-2 Combination Sensor

Addressable smoke and heat sensor

Part No: 0427AA

ZX832 Multisensing Sensor

Intelligent smoke and heat sensor with fuzzy logic

Part No: 626AA

ZP785-3 Manual Call Point

Addressable call point

Part No: 172101 + DMN787

ZP787-3 Weather Proof MCP

IP67 Rated addressable call point

Part No: 24001

**ZP755B-2 Addressable Sensor
Base Sounder**



Part No: 177101

**ZP755BV-2 Addressable Sensor
Base Sounder/Beacon**



Part No: 178901

**ZP755R-2 Addressable Room
Sounder**



Part No: 177401

Or in white:

Part No: 177501

**ZP755HA-2 Horn Sounder with
dual front & rear sound paths**



Part No: 177701

Or in red:

Part No: 177601

**ZP755HAV
-2 Omni-directional Sounder**



Part No: 178101

Or in red

Part No: 178001

ZP755V Addressable Beacon



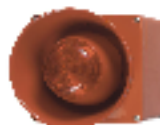
Part No: 178201

**ZP755W-2
Weatherproof Addressable Horn**



Part No: 178601

**ZP755WV-2 Weatherproof
Addressable Horn Sounder Beacon**



Part No: 178701

A50E-2 Mini Relay Unit

Part No: 99102

A45E-2 Mini Interface Unit

Part No: 99202

A51E-2 Min Relay Unit, Mains Switching

Part No: 201301

A60E-2 Mini Isolator

Part No: 99602

A70E-2 Conventional Interface

Part No: 202501-101

ZP752-2 Two Way Monitored Output

Part No: 13810-ZT

PLANNER

Configuration software

MAESTROAlarm Management and
Graphical Display

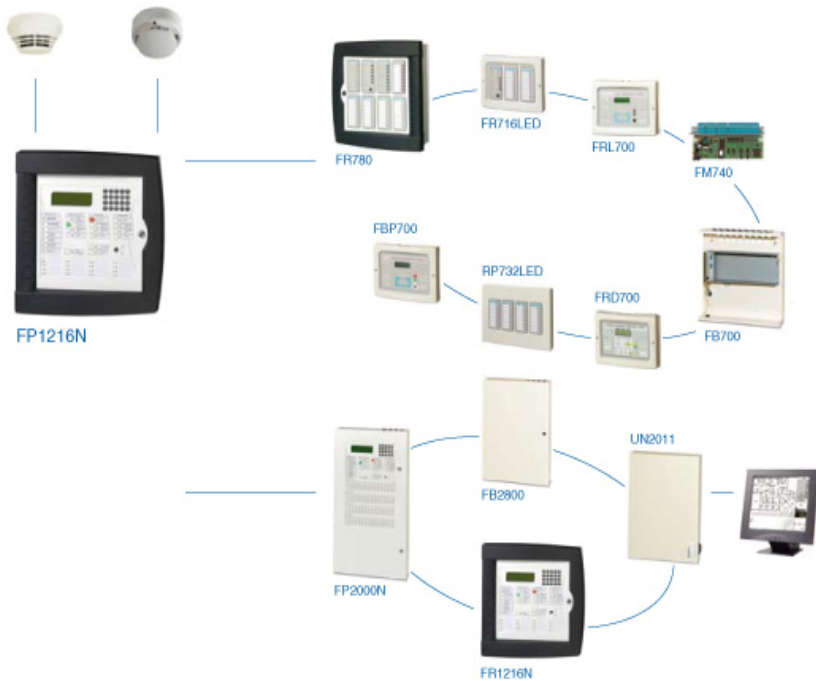
FP 1200/2000

A UTC Fire & Security Company

Designed for networkable configuration

The FP1200/2000 systems address the mid-to high-end commercial and industrial market.

The range offers panels from 2-8 loops. Panels can be networked, RS485 and/ or fibre optic, to create systems with more than 250 nodes. These systems consist of panels, repeaters, emulators and network hubs. All of this is supported by extensive and user-friendly software packages for graphics, maintenance and configuration.



FP1216C-99 Analogue Addressable Fire Panel



1200 Series Addressable Fire Panel

2-4 Loops, 16 Zone LEDs

Part No: FP1216C-99

FP1264 Analogue Addressable Fire Panel



1200 Series Addressable Fire Panel

2-4 loops, 64 Zone LEDs

Part No: FP1264C-99

FP2864C-99 Analogue Addressable Fire Panel



2000 Series Addressable Fire Panel

2-8 loops, 16-64 zones

FRG2064C-99 Global Repeater Panel



2000 Series Global Zone Repeater

16 zones expandable up to 64 zones

Part No: FRG2064C-99



LC1502 Loop Card



2 Loop Card

Part No: LC1502

ZE2016 Zone Expansion Card



16 Zone Expansion Card

Part No: ZE2016

NC2011 Network Card



Copper Network Card

Part Number	Description	Price
NC2011	Copper Network Card	
NE2011	Copper Network Module	

NC2051 Network Card



Fibre Optic Network Card

Part Number	Description	Price
NC2051	Fibre Network Card	
NE2051	Fibre Network Module	



XP95 Optical Sensor



Optical Sensor

Part No: DP951

XP95 Multi Sensor



Optical & Heat

Part No: DP951T

XP95 Temperature Sensor



Part No: DP952

XP95 Ionisation Sensor



Part No DI950

XP95 Manual Call Point



Addressable
MCP with Isolator (includes

Part No: DMN960I

XP95 Weatherproof MCP



IP65 Rated Outdoor Addressable Manual

Part No: DMN960IE

950 Series Integrated Base Sounder with Isolator



Part No: DB952IAS

950 Series Integrated Base Sounder with Beacon and Isolator



Part No: DB952IVAS

950 Series Loop Base Sounder



For use with Isolator Base

Part No: AS950I

950 Series Locking Cap for Loop Siren



Part No:
AS950CAP-R, or
AS950CAP-W

FD905R Addressable Reflective Beam Detector and Isolator



Range 8-50m

Part No: FD905R

FD910R Addressable Reflective Beam Detector and Isolator



Range 50-100m

Part No: FD910R

II951 XP95 Mini Switch Monitor with Interrupt



Part No: II951

II952I XP95 Switch Monitor with



Part No: II952

II953I XP95 Switch Monitor Plus with Isolator



Part No: II953I

II955I XP Zone Monitor with Isolator



Part No: II955I

IO950I XP95 Single IO Unit



Part No: IO950I

IO953I XP95 3 Channel IO Unit



Part No: IO953I

IO954 XP95 Mains Switching IO



Part No: IO954I

IO955I XP95 Output Unit with Isolator



Part No: IO955I

PCC2000



Configuration software

Alliance 8300



Alarm Management and Graphical Display



Fire Testing Equipment

TH010



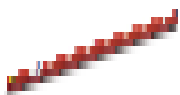
Heat Detector Tester (220V) - excludes extension pole (TH010)

TR010



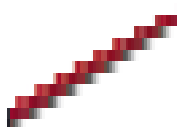
Touch Sensitive Smoke Dispenser Cup on Swing Frame (TR010)

ET011



Fibre-Glass Extension Pole 1.2m (ET011)

ET010



Fibre - Glass Telescopic Pole 4.5m (ET010)

SC008



Test Aerosol Container Spray 250ml for Tester TM010 (SC008)

SC008CO



Carbon Monoxide Test Spray for CO Fire Detectors (SC008CO)

CB001



Carrying Bag for smoke test tools (CB001)

FG010



Universal Removal Tool on Swing Frame (FG010)

Fire Accessories

PH30 Cable



WFA10210
Fire Resistant (up to
30 mins) Cable 2
core 1mm

PH30 Cable



WFA10210
Fire Resistant (up to
30 mins) Cable 2
core 1.5mm

7Ahr Battery



BS127N
12V 7.2Ahr Sealed
Lead-Acid Battery

12Ahr Battery



BS130N
12V 12Ahr Sealed
Lead-Acid Battery

26Ahr Battery



BS129N
12V 26Ahr Sealed
Lead-Acid Battery

28Ahr Battery



ZLAB12280
12V 28Ahr Sealed
Lead-Acid Battery

24Vdc Power Supply



Part Number	Description
PM831	Boxed power supply 24Vdc 1A
PM832	Boxed power supply 24Vdc 2A
PM833	Boxed power supply 24Vdc 3A
PM835	Boxed power supply 24Vdc 5A

VESDA

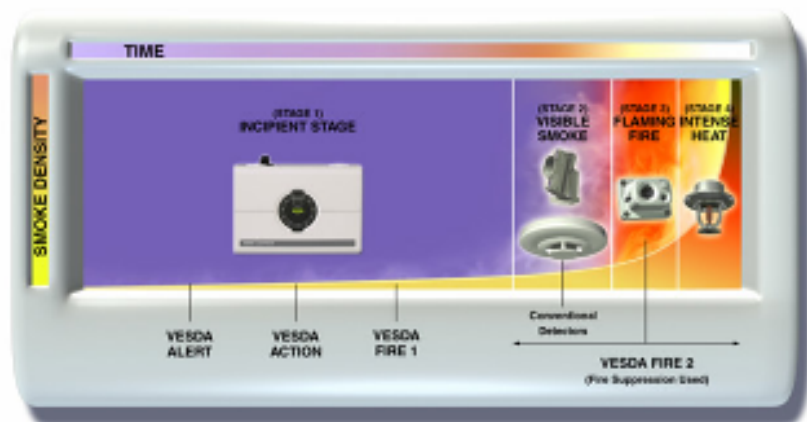


Very Early Warning Aspiring Smoke Detection

Xtralis is a global leader and pioneer in life safety. We invented VESDA very early warning aspirating smoke detection (ASD), the world's No. 1 ASD brand. Customers worldwide rely on VESDA by Xtralis when business continuity is imperative, environments are challenging, and time is required to ensure safe and orderly evacuation. VESDA ASD systems also can be equipped with modules to detect hazardous/combustible gases to extend their value beyond smoke detection to include gas detection and environmental monitoring.

What is Very Early Warning Smoke Detection?

VESDA by Xtralis very early warning aspirating smoke detection solutions with continuous air sampling provide the earliest possible warning of an impending fire hazard. VESDA ASDs buy the critical time needed to investigate an alarm and initiate an appropriate response to prevent injury, property damage or business disruption. VESDA detectors have multi-level warnings and a wide range of sensitivity that does not degrade or change over time, so even minute levels of smoke can be detected before a fire has time to escalate. In addition, VESDA systems are manufactured using targeted Six Sigma techniques and ISO 9000 standards and have been certified by regulatory bodies worldwide.



VESDA VLP (LaserPlus)



- Laser-based smoke detection covering 2000m²
- 4 inlet pipes
- Wide sensitivity range 0.005-20% obscuration/m
- High efficiency aspirator
- 4 configurable alarm levels


VESDA VLF (LaserFocus)



- VLF-250 covers 250m² and VLF-500 covers 500m²
- Single inlet pipe
- Wide sensitivity range 0.005-20% obscuration/m
- High efficiency aspirator
- Very easy installation and AutoLearn Smoke and Flow

VESDA VLC (LaserCompact)



- Absolute smoke detection coverage of 800m²
 - Single inlet pipe
 - Wide sensitivity range 0.005-20% obscuration/m
 - VESDAnet communication available
 - 3 alarm levels, 3 programmable relays
- 

VHH-100 Hand-held Programmer



VHH-100

Hand-held programmer & cable

VESDAnet PC Link



VHX-0200

No modem support

VHX-0210

With modem support

VHX-0300

Open Protocol Peer-to-Peer

VESDAnet Interface card



VIC-010

VESDAnet Interface Card

Remote Units



VRT-000

Remote box only

VRT-100

Programmer

VRT-200

VLP Display & 7 Relays

VRT-300

VESDAnet Socket

VRT-400

Scanner Display & 7 Relay

VRT-500

Blank Plate DRP & 7 Relay

VRT-600

Display (no relays)

VRT-J00

VLC VN Display & 7 Relay RTC

VRT-K00

VLC VN Display & 0 Relay RTC

VRT-S07

System Relay Module

VRT-V00

VLC Display & 7 Relays



Spare Parts

Part Number	Description
VSP-000	Blank Plate Non-EMC with VESDA logo
VSP-001	Programmer Module
VSP-002	Display Module
VSP-003	VESDAnet Socket
VSP-004	Scanner Display Module
VSP-005	Filter Assembly
VSP-850-G	Xtralix In-Line Filter

Pipes

Part Number	Description
ABS01	Plain Red ABS 25mm Socket
ABS02	Plain Red ABS 25mm 90deg Tee
ABS03	Plain Red ABS 25mm Union
ABS04	Plain Red ABS 25mm 45 deg Elbow
ABS05	Plain Red ABS 25mm 90 deg Bend
ABS06	Plain Red ABS 25mm End Cap
ABS07	Plain Red ABS 3/4 inch 25mm Adaptor
ABS08	Plain Red 25mm ABS Pipe 3 meter lengths
ABS09	Plain Capillary Kit and Conical Air Sample
ABS10	Plain Red 25mm x 3/4inch pipe clip

STANDARD TERMS AND CONDITIONS

VALIDITY: All quotations and pro forma invoices issued by G2 are subject to these terms and conditions of sale. Unless otherwise stated in writing, the quotation expires 30 days from date of quotation and may be withdrawn at any time within that period, prior to approval of order, upon written notification to Company. Specifications, pricing and availability are subject to change at any time. G2 will use reasonable efforts to provide Company with advance notification of such changes. Prices contained within the price book are subject to change. Please confirm prices before placing orders.

DELIVERY: Prices are quoted ex-stock Johannesburg. Delivery is available at an additional cost payable by the purchaser. Special shipping instructions must be specified at time of order placement. If no instructions are given G2 will ship the Products via courier service. Title and risk of loss shall pass F.O.B. G2's shipping point, (currently Johannesburg, SA). The Products shall be deemed accepted upon delivery of the Products to the delivery destination. G2 will attempt to schedule shipments as closely as possible in accordance with COMPANY'S request. However, G2 will not be liable for any damages or charges to the COMPANY or COMPANY'S customer for late delivery.

GUARANTEE: The equipment supplied by G2, when operated in accordance with manufacturer's instructions, is guaranteed for a period of twelve months from the date of receipt. The foregoing guarantee is in substitution for any other guarantee expressed or implied and is limited to replacement or repair of defective materials.

Any electronic equipment can be damaged by induced voltage and therefore the necessary suppression equipment to prevent damage to voltage sensitive electronic equipment (i.e. Micro-processor based control panels) is the responsibility of the purchaser and G2 cannot be held responsible for the replacement or repair of any damaged equipment as a result of being exposed to induced voltage.

CONSEQUENTIAL LOSS: We accept no liability for consequential loss, or loss of profits arising from defective equipment or workmanship from any cause or causes at any time prior to, during, or after the installation of the equipment including that arising from latent defects only ascertainable during and after commissioning.

ORDERS: All purchase orders must detail specific quantities, prices and part numbers for the Products. . All purchase orders must be in writing and submitted either by facsimile (086 551 4422) or email (info@g2security.co.za). Phone orders will not be accepted.

TERMS OF PAYMENT: 100% in advance for COD unless our financial advisers have approved a line of credit. In the event a credit line is approved, payment is due and payable thirty days from date of invoice. All invoice values are nett. We reserve the right to charge interest at two percent above the prime bank rate on outstanding amounts.

PAYMENT GUARANTEE: G2 Security (Pty) Ltd reserve the right to request a payment guarantee from the purchaser equal to the total value of the equipment supplied. Such a guarantee shall be provided on request at no additional cost to the Company.

FOREIGN EXCHANGE FLUCTUATION: These prices include imported goods or materials, foreign exchange fluctuation will be calculated utilizing the exchange rate ruling at the date of invoice. As such prices in this catalogue are subject to change.

VALUE ADDED TAX: Value Added Tax is excluded from all prices quoted but may be shown as a separate line item on the "Tax" Invoice. In the event of any other statutory surcharge being increased or imposed subsequent to submission of this quotation or during the delivery period of the equipment, we reserve the right to recover these additional costs.

CANCELLATION OF ORDER: A cancellation fee of 12.5% of the purchase order value is applicable to all cancellations.

OWNERSHIP: Notwithstanding delivery, all goods supplied by the seller, to the purchaser, shall remain the sole property of the seller until full payment thereof has been received by the seller.

RETURNS: Goods returned for reasons other than damage will be accepted with a 10% handling fee applied, providing the goods are returned in the same condition they were provided and in their original packaging.

INSTALLATION: Unless otherwise agreed in writing by the parties, the purchaser shall be completely responsible for all installation, integration, servicing and maintenance of Products.

DESIGN: The Company accepts no responsibility for the efficacy of any design not prepared by the Company and in any case, our responsibility is limited to the quality and capacity of the equipment specified in this offer.

RMA RETURNS: Before returning any product you must first obtain a Return Materials Authorisation (RMA) form, which must be completed and returned to G2. This applies to all products including warranty, non-warranty and credit returns. Once you have completed and returned the RMA form the products should be returned in appropriate packaging to:

G2 Security, 20 Pritchard Street, Olivedale, Johannesburg North, 2158.

We will not accept unauthorised returns or freight collection returns; we will return these to you at your expense. If a returned product contains parts that are no longer available or repairable, we will contact you to discuss resolution and return of the material. The repair department will evaluate all equipment returned for repair to determine warranty coverage and will resolve any questions that may arise during evaluation to make a final determination. We will return equipment via our standard shipping method at no additional charge. If you request a different return shipping method, we will charge for the full shipping cost. G2 does not accept any cost which would result from the purchaser/buyer conducting wrong, incomplete or inefficient formalities in connection with the import / export of the products.

FAULTY FROM NEW (FFN): G2 will provide a new product free of charge in case a product fails within 90 days after invoice date upon return of the faulty part. Advance replacements are not available. A copy of the original invoice and a clear fault description are required to request RMA and FFN replacement. Goods must be returned complete within 90 days and in their original packaging.

PACKAGING YOUR SHIPMENT: Protecting the value of returned products by packaging and shipping them correctly is your responsibility. We reserve the right to deny warranty coverage for any damage caused by failing to meet the following packaging requirements:

1. All electrical components must be taped and/or contained in their original electrostatic protective packaging or an equivalent substitute.
2. All parts must be packed securely inside the external shipping carton to prevent mechanical damage.
3. External packaging must be sufficient to protect the contents from the usual hazards of shipping.
4. Do not write or tape on the original product packing.

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