



# Inelco Hunter Limited

specialist supplier of electronic components & solutions

## Specialist Supplier of Electronic Components & Solutions

### Company Brochure



# Company Introduction

## Inelco Hunter History

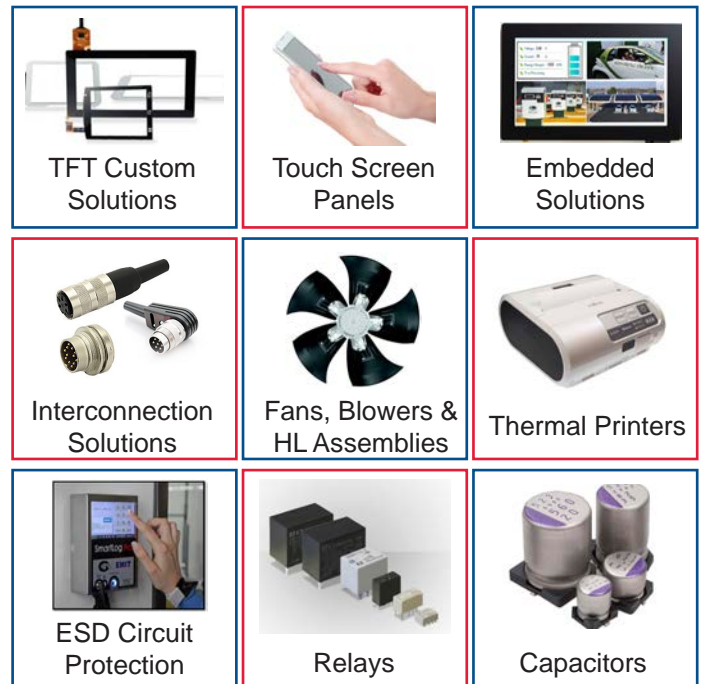
Incorporated in 1993, Inelco Hunter Ltd is a UK specialist supplier offering a range of electronic components, including displays, touch panels, printers, connectors, fans, ESD protection, capacitors, relays and solutions. Our world class suppliers, including Powertip, Fujitsu, ebm-papst, Amphenol, Desco, ProTek Devices and Panasonic, support our in-house engineering team in offering design, consultancy and project management services, while our sales team will help you to choose and design the right components to optimise your commercial returns. Our customers are assured of complete confidence when developing, designing and manufacturing.



## Products

From water-tight glove operated touch panels to space-saving hybrid interconnect solutions, when buying from Inelco Hunter Ltd you benefit from an integrated approach to your design, project and production requirements:

- Interconnection solutions from Amphenol, Fujitsu, Nicomatic, Precidip, 3M and Oupiin
- Display and touch screen solutions from Powertip, Fujitsu, Protech Systems, Multi-Inno and IHL's own solutions.
- Thermal printers from Fujitsu and Able.
- ESD and surge protection from Desco Europe, ProTek Devices and Furuse.
- Fans and HL assemblies from ebm-papst.
- Capacitors from Panasonic and Suncon.
- Relays from Fujitsu and Finder.





# Value-Added Services

## Value-Added Services

Inelco Hunter's engineering team can save you time and money through its product Feasibility & Research service. Our expert team performs a set of pre-design activities, critical when defining product specifications, documenting design challenges and identifying potential risks.

We help both customers who come with defined requirements for their project, and those with unformed product ideas. It's here that our expertise and up-front research can turn concepts into brilliant products.



## Examples of Value-Added Applications

### Fire Alarm Control Unit

The robust design of our 10.1" display, touch panel and enclosure withstands the challenges of harsh environments such as vibration; water ingress; dust; etc. The industrial grade display panel, with option for PCAP or resistive touch, is an added advantage offering flexibility for varied applications.



### Portable Respiratory Controller

Hand held controllers require a more compact design of display, touch panel and metal frame. Our 4.3" display solution with 480x272 resolution and resistive touch panel is tailored to suit. A flush surface design enables effortless cleaning, preventing ingress of germs and dirt and allowing customers to meet medical standards.

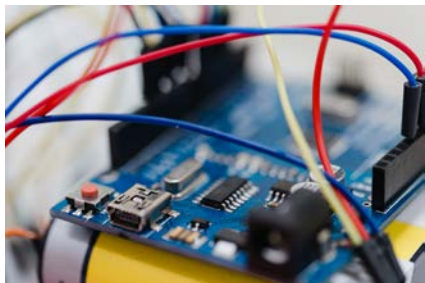


### Portable Gas Detection Unit

Intrinsically safe environments require robust and highly protected display solutions. With toughened glass and optic bonding, our fully customized display solutions are designed to meet ATEX approval for use in the gas and mining industry.



Inelco Hunter's skilled engineering team has worked on a number of large projects over the last 25 years, including the official 7" Raspberry Pi display. This experience has been used to help many companies design and develop their own products. Services are based on tried and tested methods, which combine an innovative system with rational analysis to understand the product design, customer expectations, budget, target market and project deadlines.



### **Inelco Hunter Embedded Systems**

IHL's extensive experience in a variety of markets and products allows us to offer a range of solutions for customers developing embedded systems solutions. Our skilled team of engineers can help define clear product requirements and bring your product to life. This includes support from design and prototyping through to pilot and finished production.



### **Project Management Service**

Managing projects can be time-consuming and costly as you search for the best options, test ideas and liaise between different suppliers. Our Project Management Service streamlines this procedure, saving you time and money as we use our extensive project management experience to identify the best approach and reduce the R&D time for your project.



### **Custom Design Display Solutions**

The Inelco Hunter engineering team designed the official 7" Raspberry Pi display, and developed the larger 10.1" Display kit in response to demand from our customers. Multiple customisations are available, including customized cover lens and touch options, and box builds for those customers who require a complete cased solution.



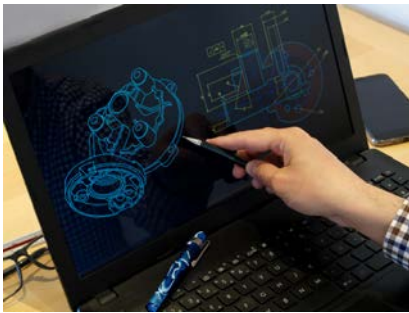
### **Design & Consultancy**

We'll take your product all the way from an initial idea to prototype, or to fully functioning solution. Our service allows our clients to use our technical and design expertise to make their idea become reality, whether it's a redesign or a new product introduction.



### **Assembly & Test**

Inelco Hunter's engineering and development team will undertake full assembly and testing of customer projects and developed products. We provide a full report based on agreed specifications and approvals as required, including full EMC testing, and CE approvals with certification. In addition we offer box build assembly controlled by our in house engineers to ISO9001:2015 standards.



## 2D and 3D CAD Drawing Service

### 3D Design & Print

CAD Drawings and 3D printing are essential tools in design and development, allowing projects to be visualized and helping to reduce problems in the later assembly phase. We offer this essential service to companies who wish to design their own projects but lack access to CAD software or 3D printing services.



## Logistics Value Add

At Inelco Hunter Ltd we offer a range of Value-Added Services that facilitate efficient logistics management for our customers: bulk storage; kitting; JIT; worldwide drop shipments; end OEM Shipments; consignment stocking.

Inelco Hunter's world class execution of these value added services is built on the company's expertise. We can accurately fulfil complex customised orders to customers' specifications, saving stocking costs and ensuring on-time delivery time after time.



## Fan Assembly Services- HLA (Higher Level Assembly)

The Inelco Hunter engineering team works closely with our experienced fan supplier EBM Papst to offer this custom fan design service. This saves the customer time and expense usually associated with custom projects that require sourcing, buying, storing and assembling.



## Anti-Static Survey & Assessment

As component parts and assemblies become more sensitive they are at increased risk of damage from an EOS/ESD event. Inelco Hunter offers a free assessment of our customers' production assembly and factory systems (subject to approval), including an on-site visit and fully documented report suggesting improvements where required.



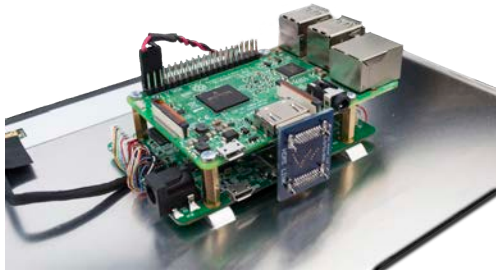
## Obsolescence Service

When one of your products is declared 'end of life' it can be difficult and time consuming to find a suitable replacement. If you require a specific product lifetime our engineering team can help you find a product that meets your current requirements, and which will give you the best options for a replacement when the time does come to find an alternative.



# Products

We supply our products to a variety of markets such as: Defence & Aerospace, Fire & Security, Industrial, Medical, Transport, Telecom, Banking & Finance, Point of Sale, Home Appliance.



## LCD, TFT, OLED & Custom Solutions

Inelco Hunter Ltd specialises in the supply of LCD displays and custom LCD/TFT solutions for the electronics industry, from standard mono Character / Alphanumeric / Graphic LCDs through to full colour graphic, TFT and OLED display modules, with or without touch screen integration. Our custom design solutions, enhanced with our in-house engineering support, enable us to offer project development to meet a wide variety of customer applications.

Suppliers:



## Touch Screen Panels

Along with our standard range of resistive and capacitive touch panels, Inelco Hunter now offers Fujitsu's feather touch solutions: all the features of capacitive touch with the added benefits of resistive, dual touch input (pinch, zoom, rotate), and flush finish screen design.

A wide range of sizes and custom options are available, including touch panel overlays and optic bonding up to 6mm for easy integration into customer applications.

Suppliers:



## Panel PC & Embedded Solutions

Inelco Hunter's range of Panel PC, POS and embedded solutions allows easy integration for factory automation, manufacturing, kiosk systems, banking & finance. Panel PCs are available in sizes from 7" to 25" and Embedded Solutions from 3.5" to 25", with or without integrated touch, and can meet IP68 if required. Bezels and mountings can be tailored to suit each customer's application, from smooth seamless front design through to heavy duty anti-vandal waterproof systems.

Suppliers:



## Interconnection Solutions

We offer a complete range of interconnection products to suit the industrial, fire & security, medical, military, and transport markets from 3M, Amphenol, Fujitsu, Nicomatic, Preci-Dip and Oupiin. If you are looking for a PCB, waterproof, circular or mixed power and signal connector, or require cable assembly & over-moulding, Inelco Hunter Ltd can offer a solution to suit.



Suppliers:

**Amphenol**  
Industrial Products Group

**NICOMATIC**

## Fans, Blowers & HL Assemblies

The complete range of ebm-papst fans & blowers covers all types of AC & DC axial, centrifugal, radial, diagonal, cross-flow & mixed-flow fans. We can offer integrated fan assemblies with specific cable or connector additions to suit your application. All ebm-papst fans meet the new ErP2015 directive requirements with the potential for significant energy savings in any application.



Suppliers:

**ebmpapst**

## Thermal Printers

Available in sizes from 2" to 8" (A4), Inelco Hunter's range of printer mechanisms from Fujitsu are ideal for kiosk, ticketing and labelling applications. Built with high quality steel die cast frames and available in battery, power ranges up to 24v, and portable hand held devices, these printer mechanisms deliver high speed, low cost stable printing solutions. Inelco Hunter also supports Able Systems' range of robust yet light-weight portable printers, a popular choice for hand held ticketing & labelling applications.



Suppliers:

**FUJITSU able**

## ESD & Circuit Protection

Inelco Hunter provides complete static control solutions to meet the increasing challenge of electrostatic discharge (ESD) and electrical overstress (EOS) during handling and transportation. We support application specific protection solutions by Protek Devices for all electronic systems from computing through to mobile devices, whilst our range of static products from Desco covers solutions including packaging, PPE, bench monitoring & reporting.



Suppliers:

**DESCO EUROPE**

**PROTEK DEVICES**

**furse**



## Relays

Available in a wide range of variations such as slim-line, ultra-quiet, latching and low power consumption, our suppliers Fujitsu and Finder provide a complete solution to your switching requirements. With contact ratings from 0.5A to 210A, they are suitable for applications in home appliances, general industrial control, smart metering, solar equipment, lighting and telecommunication products.

Suppliers:



## Capacitors

Panasonic's polymer electrolytic capacitors offer low ESR and longer life compared to general capacitor types. Boasting higher safety levels than general tantalum electrolytic capacitors, they offer stable characteristics not dependent on temperature and voltage. An attractive MLCC replacement, they offer a wide frequency spectrum and can achieve higher capacitance in small size without suffering from voltage derating over time.

Suppliers:



## Contact Details

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