Nothing Impossible With

Mantis DESIGN

The ideal balance of style and functionality

With a smart design, easy-to-use features and the familiarity of the verizon wireless user interface.

Mantis DESIGN

Design is quote unquote.
It is an invention of a creation of an idea.

+ About us

美集思設計成立於1996，已有20年設計經驗。累積有300 設計案例，經驗累積非其他設計公司所能。

背景 ， 以模具設計為主，發展至產品設計，結合豐富的模具設計經驗；對一個產品設計的外觀和機構設計而言，模具概念是非常重要的基本設計因素。

信念，好的產品設計是需要可量產、有市場，這是美集思能夠給予您們信賴的優勢!

這就是您選擇美集思的理由!

ASUS imation NTT GRANDEX APOZA
deCOUS HEISEI UMAX SAMPO
Radiantech National / Panasonic Axis systems SECOM ITRI
modu EDIMAX MyCasa Haier PROSONIC

Exterior Design

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極簡主義 多元設計
美集思釋放無限想像 創造極致品味設計

+ Services
外觀設計 > 機構設計 > 樣品製作 > 生產代理

1 外觀設計
完美設計是需要被感動的。

考量產品的市場需求、製造成本、產品價值，已達到為企業構思獨特且具領導品牌之設計理念。

Interior Design

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+ Services

外觀設計 > 機構設計 > 樣品製作 > 生產代理

2 機構設計

以成本為考量
嚴謹檢查每個環節，設計品管集思做到了。

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Mantis 設計品管

日期：
客戶名稱：
專案工程師：
執行人：

主體架構	有問題	判定 OK	判定 NG
1.外觀先行檢查旋模,咬花需2.5度以上			
2.零件再確認尺寸			
3.先行倒件經主管認可			
4.肉厚確認			
5.是否因及結構破壞外觀			

結構架構	有問題	判定 OK	判定 NG
1.所有結構性均須面檢測 A:螺絲處 B:結構處 C:裕度預留			
2.干涉檢測			
3.零件組立可行性,每一零件均檢測			
4.是否上下左右均固定			
5.是否做夾勁			
6.所有配合均做預留裕度,考慮後製程如噴漆			
7.卡鉤設計是否OK			
8.結構強度是否OK			
9.若有其它需求如防水防塞下是否OK			
10.任何處結合不可有直接穿越檢測			
11.對外輸出是否配合母頭設計及檢測母頭可能干涉			
12.有更好結構設計嗎			

開模可行性	有問題	判定 OK	判定 NG
1.斜梢是否有空間			
2.內外部旋模檢測			
3.考慮悉湧設計如 Led Lens			
4.應力痕可能產生檢測			
5.正面縮水可能性產生檢測			
6.生產可能變形預測檢驗			

備註

執行人	專案工程師

Sample

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+ Services

外觀設計 > 機構設計 > 樣品製作 > 生產代理

3 樣品製作

美的呈現。
好的樣品製作，完美的呈現實體，讓彼此溝通爭議減低 。

Mockup Example

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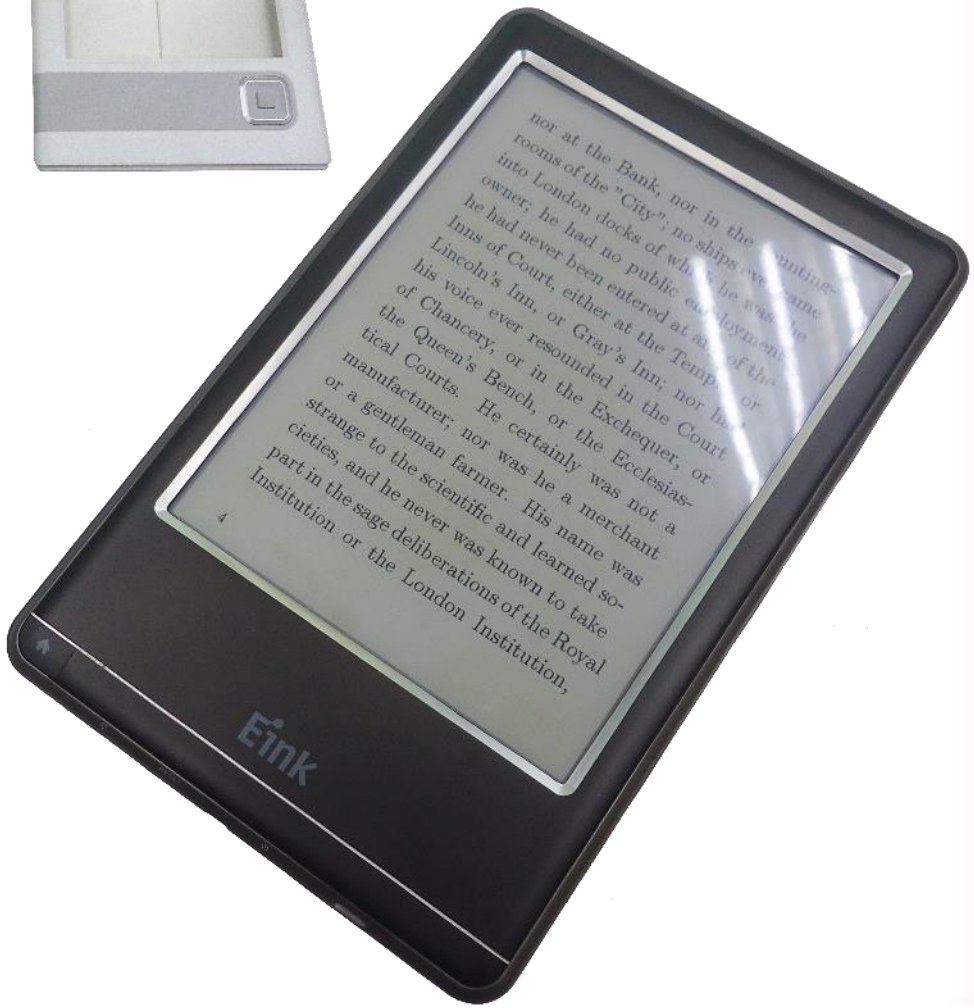

樣品案例

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Mold Design

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+ Services

外觀設計 > 機構設計 > 樣品製作 > 生產代理

4 生產代理

一家就夠了，讓您無後顧之憂 。

Production Example

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量產案例

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Production Example

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量產案例

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設計流程分析

- 溝通 / 產品分析
- 市場調查 / 十字分析
- 外觀設計 - 提供三款 > 修正 > 完稿
- 機構設計進行 > PCB配置 > 機構檢測
- 樣品製作 > 檢討 > 修正 > 實配
- 模具廠 / 組立廠認可
- 完案

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市場分析

案例：頭戴式耳機
(同價比較)

Beats Solo2

特點：外觀時尚、便攜性強

因知名國際巨星代言使其成為時尚潮流的代名詞，且多種顏色可以選擇。其以塑料材質為主，採用了可摺疊設計，增添便攜性。

ATH-MSR7 BK

特點：適合女聲、做工細膩高質感

頭樑採用柔軟的皮革包裹，無論在材質與細節表現都相當細膩；內部框架為鋼製材料，可伸縮調節，並帶有刻度。耳罩可水平90度旋轉，用戶配戴時可更加貼合頭部。

Beyerdynamic DTX910

特點：開放式設計、細節還原到位

耳機外殼的網孔設計表現出其為開放形式耳機。耳機寬大的頭樑和粗壯的力臂看起來十分大方，適合喜歡粗狂外型的用戶使用。搭配厚實的絨布材質，提升佩戴舒適度。

Marketing Analysis

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強烈感

極簡風格

流線風格

簡單感

ASRock

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Gaming Router

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Design example

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案例二 創意無限 – 除濕機也可以掛壁!

Set 1

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Cat Laser Toy

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Front Load Printer

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Set 1

Mantis DESIGN

Pressbrake

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Set 1

Mantis DESIGN

Facial Steamer

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Set 1

Mantis DESIGN

Smart Bracelet

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Set 1

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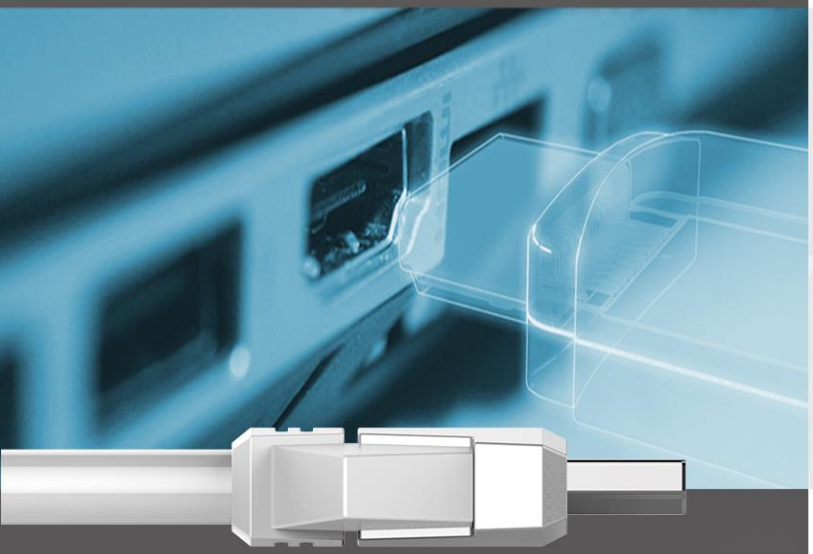

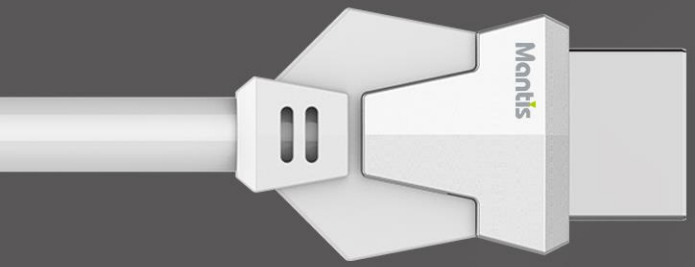

HDMI Cable

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Router

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Set 1

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Receipt Printer

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Set 1

Mantis DESIGN

Head Phone

Design is quote unquote.
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Set 1

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POS

Design is quote unquote.

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Set 1

Mantis DESIGN

Baby Cam

Design is quote unquote.

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Set 1

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3-Axis Stabilizer

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Smart Watch

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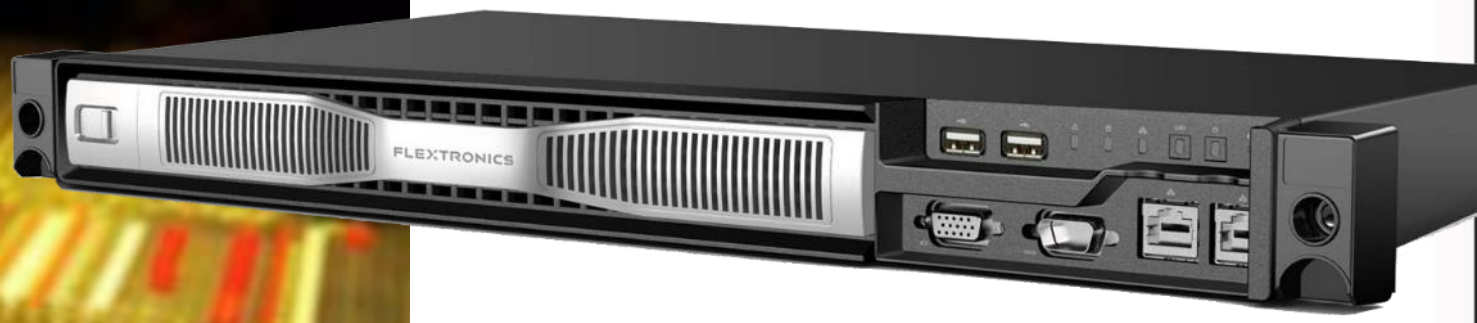

Design is quote unquote.
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CITIPACK

One user interface for all digital media Bring the rational organisation and elegant control of Bang & Olufsen to your computer with BeoPlayer – a piece of software that works equally well on your computer or TV screen. BeoPlayer provides an interface that looks good in your living room and is easy to operate using a remote control. If you use BeoPort, BeoPlayer is the easy and pleasant software for BeoLink control and media organising on your computer. If you have neither, you can still get the distinctive Bang & Olufsen look in a piece of computer software you use every day – we provide BeoPlayer as a free download.

Set 1

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CavyTech

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+ BOOKEEN/ 元太

第一代電子書設計， 也成為目前山寨機翻製產品設計對象。

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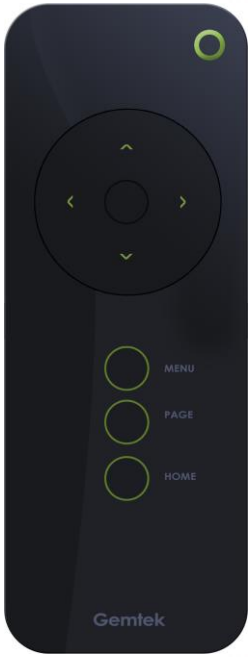

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+ Gemtek

美集思 已成為正文重要合作伙伴

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+ EDIMAX

訊舟科技的品牌定位，都由美集思主導品牌形象一系列設計

EDIMAX

TAIWAN EXCELLENCE

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運動型藍牙喇叭

Set 1

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Heat Discolored Thermos

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Set 1

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PIR

Infrared Sensor

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案例3

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+ SECOM

中興保全集團從數家設計公司選擇美集思，
美集思也達到中興保全要求

TAIWAN
EXCELLENCE

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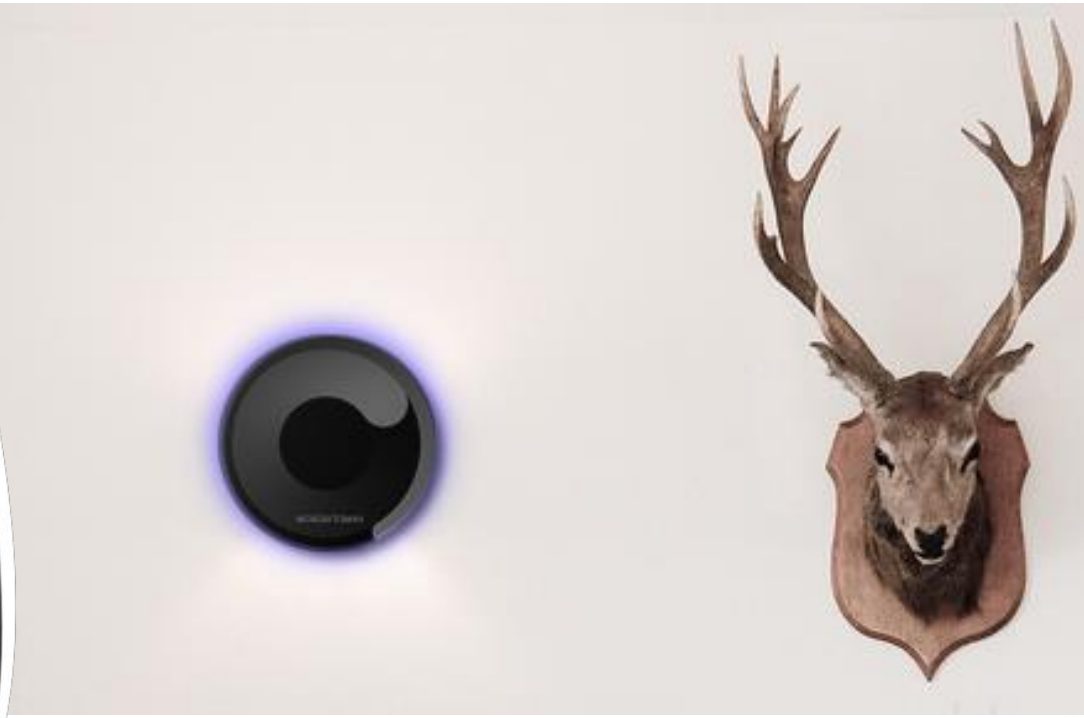

捕蚊燈也可以如此優雅

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+ Moszuit

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保溫杯設計

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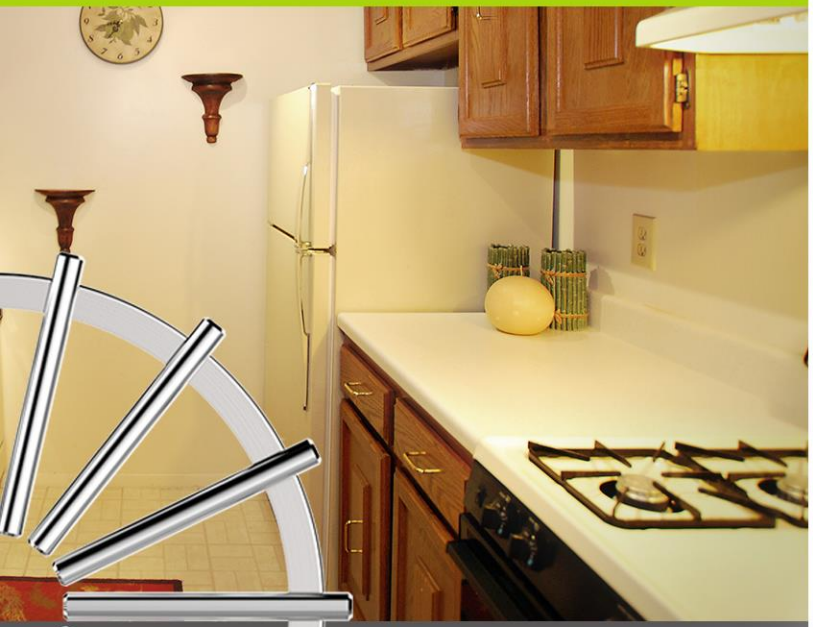
Set 1



Stove Grate

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Set 1

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遙控器設計

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Set 1

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Dehumidifier

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Set 1

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Brainwave

Headset

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Stethoscope

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Set 1

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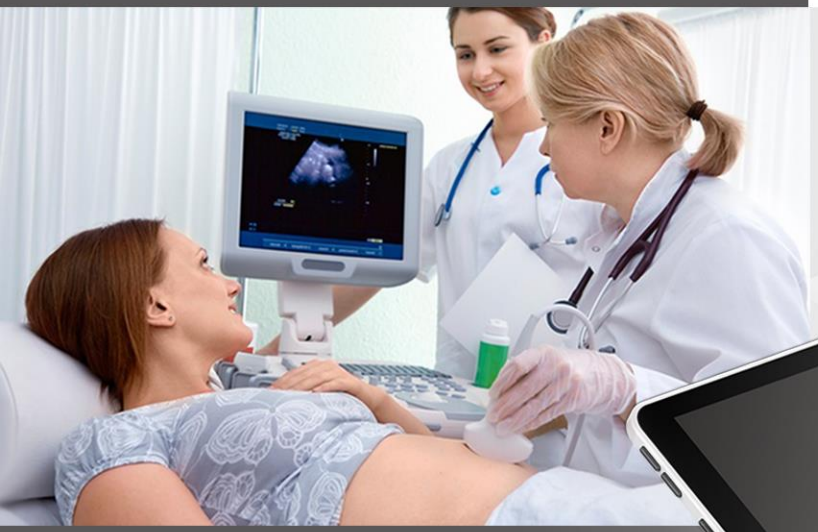

Ultrasound Holder

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Medical Testing Equipment

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Set 1

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工業技術研究院
Industrial Technology
Research Institute

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Design example

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千山淨水

Set 1

Mantis DESIGN

3D Printer

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Set 1

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EV
Charge Station

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Set 1

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Tea Refine Dryer

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Electrical Box

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TR7600

Automated Optical Inspection

Mantis
www.mantisdesign.com.tw

Mantis brings creative design and explosive thinking to your life.

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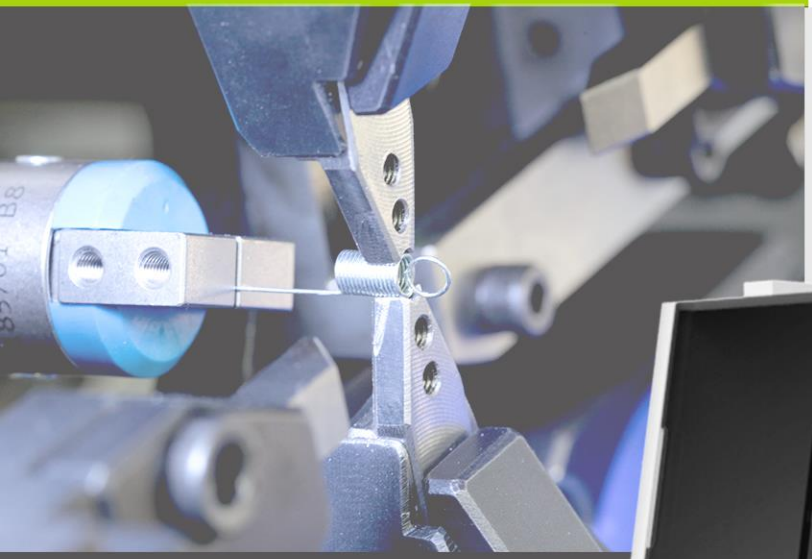

Spring Machine

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Injection Machine

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本世紀最偉大的發明
你的鎖匙還有幾支?

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reddot design award
winner 2014

Set 1

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DESIGN AWARD 2016

reddot design award
winner 2014

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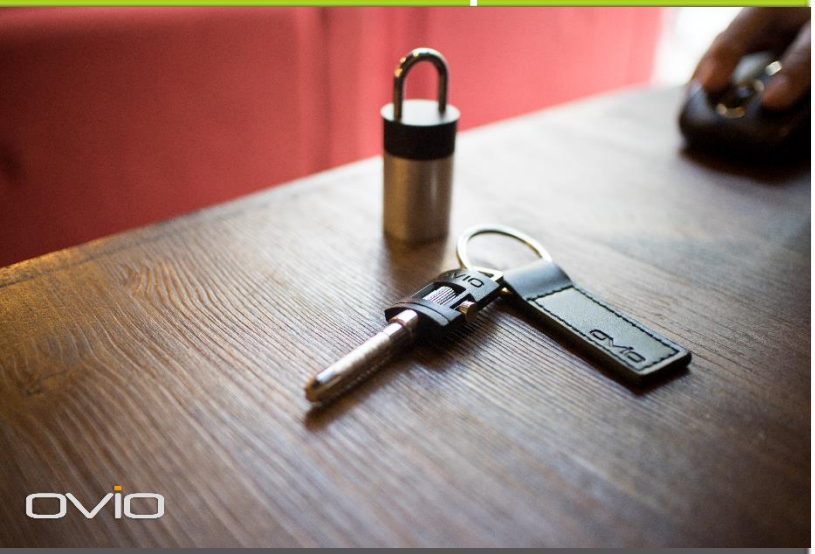
Production Example



量產案例

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Set 1

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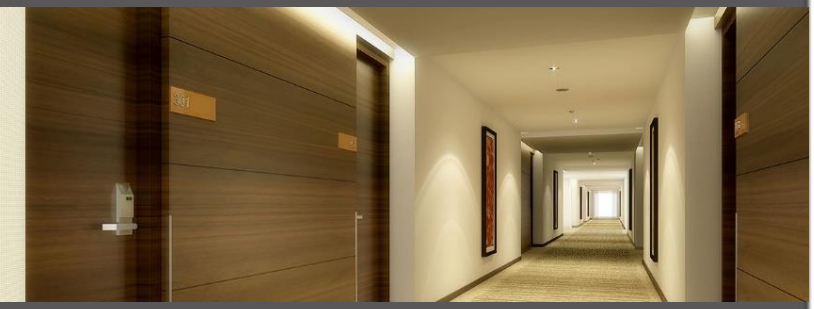

DOORLOCKS

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Thanks

for your listening