

Tai Twun Enterprise Co., Ltd.

Business Presentation

September, 2017

Presenter : Freddy Lin

Content

- **Company Profile**
- **Products & Roadmap**

◆ Company Profile

Tai Twun Enterprise Co., Ltd. Profile

Company Name : Tai Twun Enterprise Co., Ltd.

Established Date : 24th May, 1988

Listing Date : 30th December, 2010

President : Louie Lin

General Manager : Freddy Lin

Capital : NTD\$665,860 thousand dollars

Main Products : Connectors, Consumer Electronics Products & Smart Home Solutions/Products... etc..

Finance Information

(UNIT:NT\$1,000)

Item	2015	2016	2017H1
Sales	724,754	407,746	124,060
Operating Loss	(30,445)	(50,242)	(42,645)
Net Profit (Loss)	11,102	7,217	(20,845)
EPS (UNIT:NT\$)	0.17	0.11	(0.31)

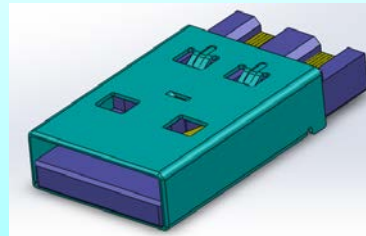
◆ Products & Roadmaps

- **Power Applications**
- **Ceramics Speaker Applications**
- **Smart Home**

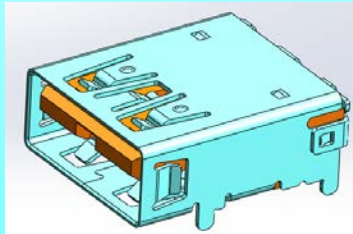
- ◆ **Core Connector QCA**
- ◆ **QC3.0/PD3.0 Self-Owned Know-How**
- ◆ **Customer Design**

◆ Core Connector QCA

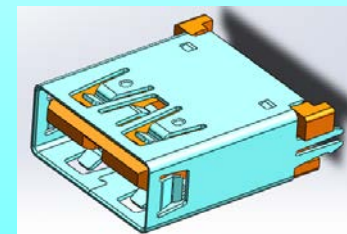
Compatible with USB 2.0; Supports 20V/10A Power



QCA Male Connector



QCA Receptacle
R/A 90 Degree

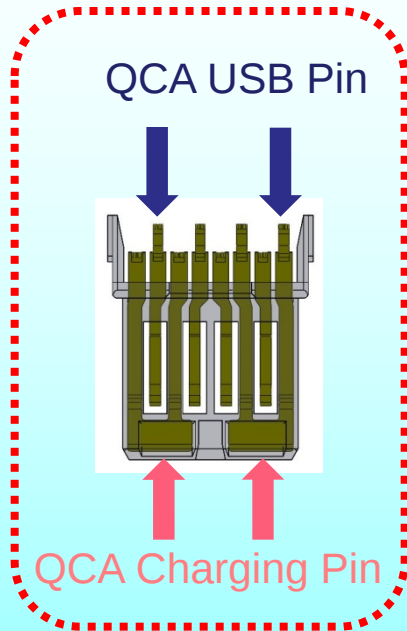


QCA Receptacle
DIP 180 Degree

Power Apps.

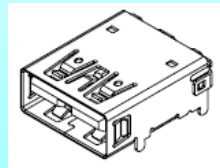
QCA

QCA Products Diagram



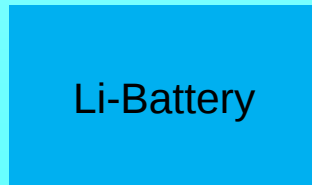
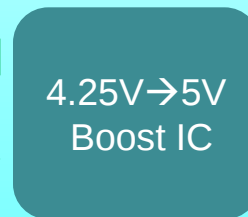
20V/10 Adapter

QCA Conn.(IN / OUT)



20V/10A

5V/2A



◆ Industry Standard-Setting

Output Voltage/Current:

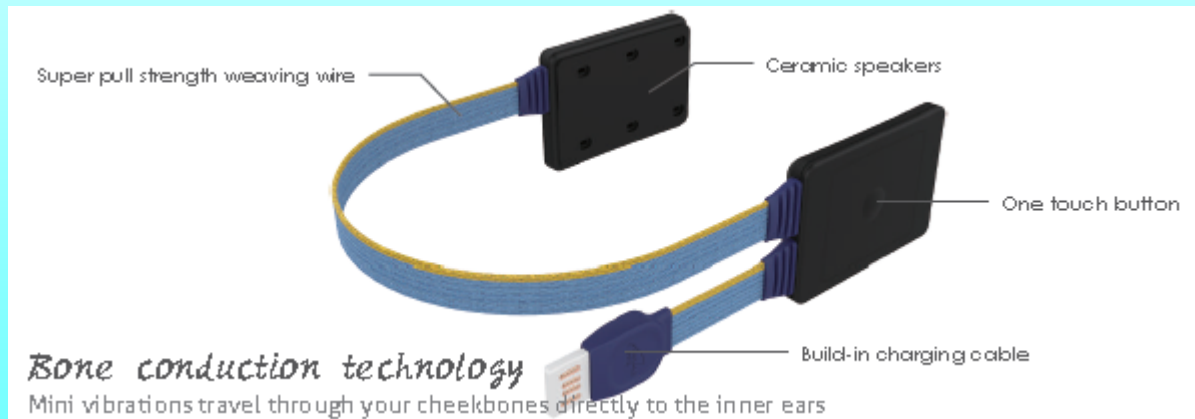
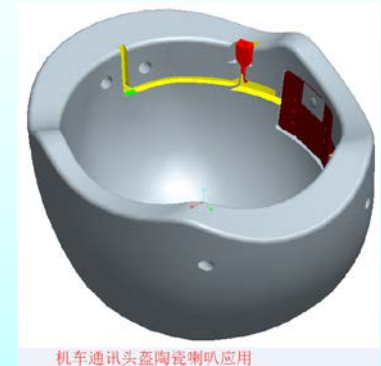
USB2.0 A Type: QC3.0:5V/2A, QC3.0: DC 5V/3A, 9V/1.6A,
12V/1.6A(Follow Quick Charger 3.0)

QCA Type: DC 7.4V/5A, 12V/5A, 24V/5A (Follow TDQC)

Type C Type: DC 5V/1.5A, 12V/2A, 15V/2.5A, 20V/3A (Follow PD)

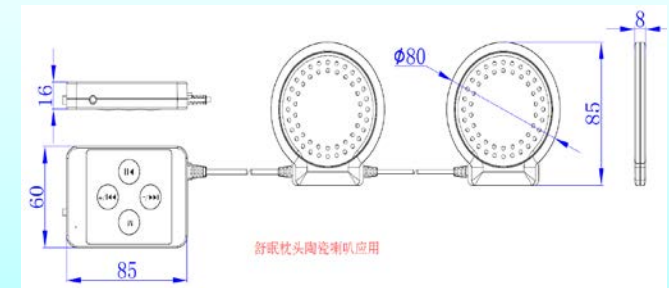
Ceramics Speaker Apps. / BLE Head Speaker

- Helmets: Motorcycles, Bicycles, Construction, Sports, Headbands.
Now smart phones are going anywhere with us, with or without the need of basic communication function. These products make your phone work like usual during transportation, sports or other situations when you used to give them up.
- Defects of other old solution of BLE Head Speakers are: Too big; Too thick; Too heavy; Having low water-proof protection ability; Having low anti-Ultraviolet ability. They're all caused by limitations of traditional speaker units.



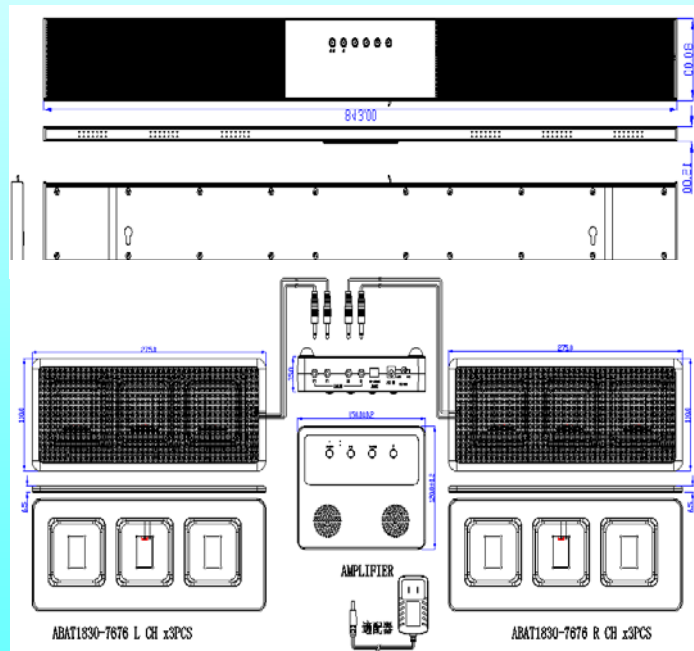
Music Pillow & Music Eye Mask

- It's academically proved that music can help to raise quality of sleep and quality sleep can solve kinds of pressure from daily life.
- The thickness and materials of original speaker units make it impossible to integrate speakers into a pillow or eye mask. Not mentioning the damage it may cause.
- Taking the advantages of ceramics speaker with a little help by BLE, now a sleep-helping music can come from your pillow with right volume and perfect sense of space.
- Of course, users will now also enjoy their naps with their own eye masks in the office or during transportation.



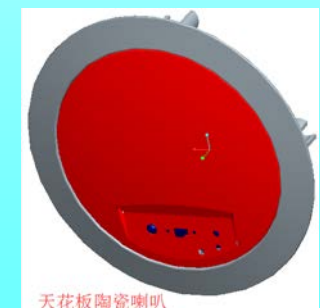
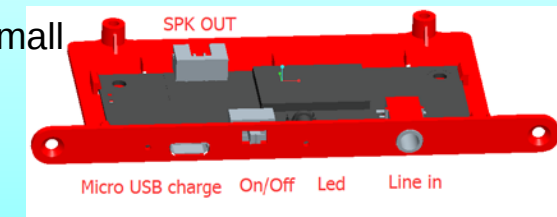
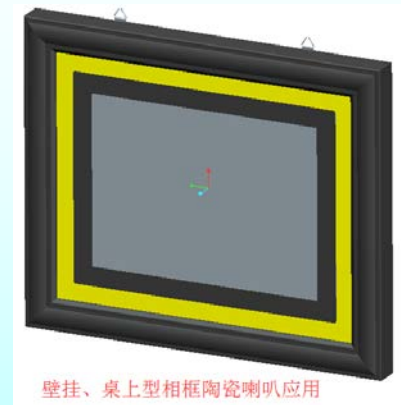
5.1/7.1 Soundbar Multi-Media System

- Nowadays, big display (37"~72") comes with a thickness under 15mm, but traditional SPK soundbar usually is 45mm thick or more. Your thin TV set never looks good with a SPK soundbar. The solution is a ceramics soundbar.
- A multi-media version of soundbar system supports AC-3/DTS and X-BOX connection. With a 5.1 or 7.1 speaker set, it is way lighter than a traditional SPK ones, which is 50kg and up. It is also embedded with F/R Lch R/R Lch Center, taking the advantage of the flatness of a ceramics speaker.
- Further more, it saves you 3/5 space in a living room or in the cargo container.



Wall/Celling & Micro Projector Speakers

- An ceramics-speaker-embedded picture frame is almost same weight as a normal one. Users can decorate a room with it just like common picture frames.
- When micro projector arose in 2014, consumers began to requiring bigger projecting area & smaller projector size to enjoy their multi-media source. A thin speaker like ceramics speaker is just the right solution to size-down a projector. It is also a good choice to pair a BLE projector with your wall ceramics speakers.
- A light-weighted ceiling ceramics speaker will fit perfectly in a mid or small environment.



ALL-IN-ONE INTERCOM

- The latest A/V compression technology requires no server-connection.
- Door to door communication
- Control center to door communication
- Black list function to protect privacy of user
- Call records
- 2-way video communication (Optional)



Smart Home

Intercom

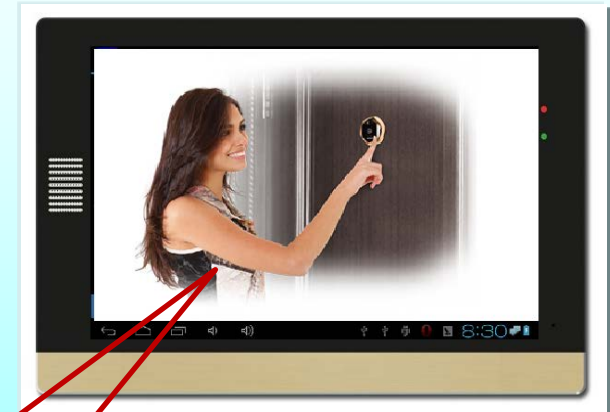
CCTV DEVICE



Control Center



Network Hub



Gate Intercom
(Community)



Door Intercom
(House)



Camera

Control center monitors and controls all video feeds from **gate intercom, door intercom and cameras** through intranet network.

Smart Home

Intercom

SAFETY APPLICATIONS

Security



Auto Alarm

House Owners
(SMS)



Detector
(Magnetic spring)



Emergency
Buckle

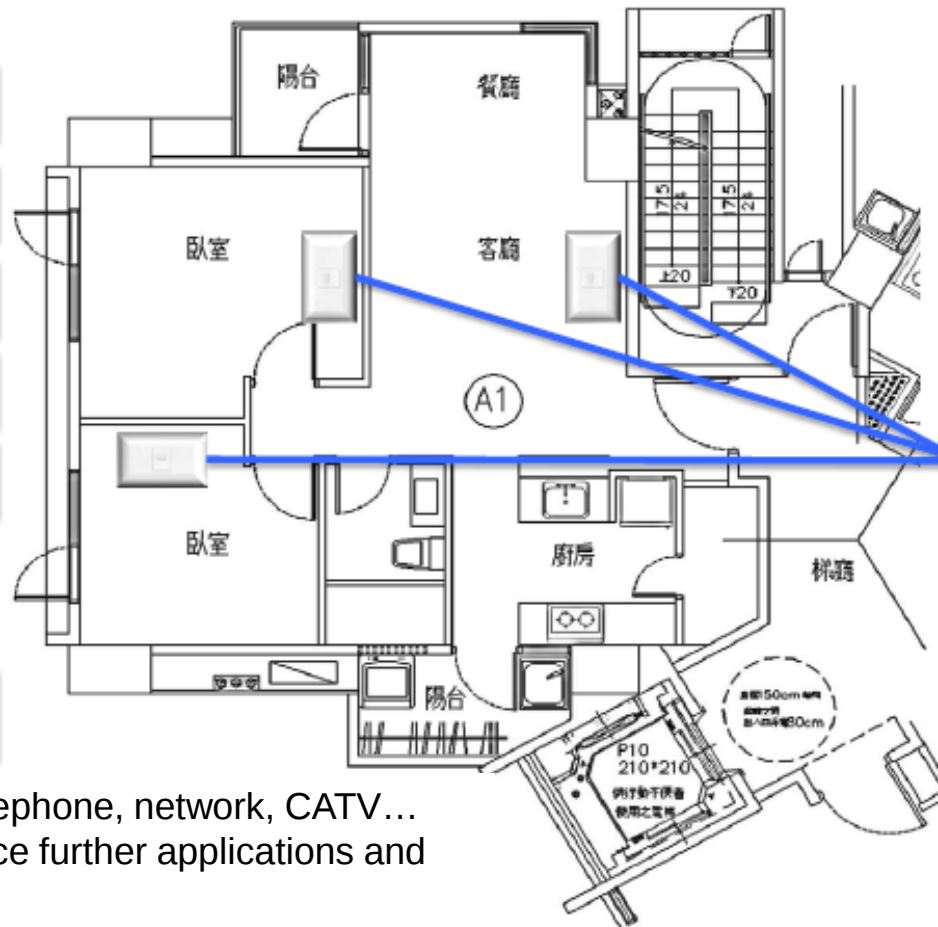


Gas Detector

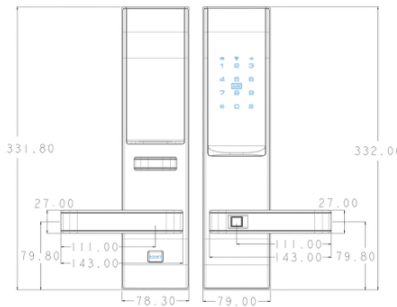


Integrated Smart Control Module

- Telephone Sharing
- CATV Distribution
- CATV Amplifier
- Network Sharing
- Power Supply
- In-House Smart Module



- Integrates telephone, network, CATV... etc. to enhance further applications and functions.



PMX00S41

FEATURES

- 4-in-1 access: Key, PIN code, RFID Card, & Fingerprint
- User can turn his/her own RFID card into a door-opening card.
- Supports adding/deleting single record
- Dynamic & false password input for Anti-peaking
- Password lock after multiple input mistake
- Voice instruction
- "Lift & Lock" patent of outdoor handle
- "Rapid Unlock" function of indoor handle
- Auto-switch between manual & auto lock
- Low power indicator; Emergent unlock by out-sourced power
- Certified by ANSI first level 1 million times duration.



THANK YOU.