

OUTDOOR DISPLAY HIGH TECHNOLOGY

**ODHitec**





## *Opening New Era of Digital Signage Transparent LCD and Outdoor LCD, Leader ODHitec*

Since the establishment in 2008, ODHitec has been leading the Commercial, Industrial and Special Display market as the world first tier manufacturer and based on long experienced R&D power and own technology patented.

We have been supplying the optimized and differentiated solution for each customer's demand with full model line-up and constantly introducing new concept application for Transparent LCD/OLED, Sunlight Readable(High Brightness), Panel PC and other special displays which are the most effective and innovative marketing media.

As the market frontier and the most trustworthy business partner, ODHitec will keep striving for leading-edge technology, value-added and differentiated products and trustful business management.

## History

### 2008

- Established ODHitec Co., Ltd.

### 2009

- Development of Sun View LCD

### 2010

- OEM Supply of Sun View TFT LCD to GS-Caltex Self Lubricator
- Patent application for Sun View technology
- Certified by ISO14000 & ISO9001

### 2011

- Vendor registration to Public Procurement Service in the Ministry of Defense
- Supply Sunlight Readable LCD to the Korean Military Service
- Supply Sunlight Readable LCD for BIS(Bus Information System)
- Project in Japan



**2012**

- World first mass production of 55", 70" Transparent LCD display
- Development of Mirror LCD and Patent application
- Development of DVS (Dual View System) and Patent application
- Patent application for Transparent LCD
- Sun View Touch Patent acquisition

**2013**

- Factory expansion and relocation
- Selected as Venture and e-frontier company
- World first mass production of 84" Transparent LCD

**2014**

- Release of Transparent LCD Refrigerator, 23", 42", 47"
- Development of Transparent LCD, Stand-alone solution
- Participate in Overseas Exhibition
- ISE (Netherland), CeBIT (Germany), InfoComm (Las Vegas, USA)
- GITEX (Dubai, UAE), HongKong Electronics Fair,
- China HI-TECH FAIR (Shenzhen, China)

**2015**

- Release of Curved Transparent LCD
- Participate in Communic Asia (Singapore), InfoComm (Orlando)

**2016**

- Development of 55" Transparent OLED
- Overseas sales expansion Supply of 42", 55", 70", 84" T-LCD to Avengers Exhibition project
- 22" 1.5K, ODM project in Japan
- Participate in ISE, InfoComm, Communic Asia, GITEX

**2017**

- Participate in ISE, ISC, InfoComm USA, GITEX
- World first mass production of 86", 98" Transparent LCD

**2018**

- Participate in ISE, InfoComm USA
- Development of Transparent LCD Video wall
- Mass production of 8" 12.1", 15" 19" Panel PC for Electronic Vehicles fast charger

**2020**

- Participate in ISE
- Mass production of 11.6" and 43" Panel PC for Electronic Vehicles fast cha

**2021**

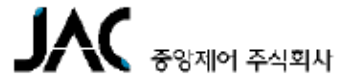
- Factory Relocation to Naepo, Chungcheongnamdo

**2022**

- SCS (Solar Control System) developed



# Customer



# Patent & Certificate

COMPANY OVERVIEW

PANEL PC

DC METER

TOUCH MONITOR



Patent No. 10-1644864



Patent No. 10-1661206



Patent No. 10-1661208



Patent No. 10-2161112



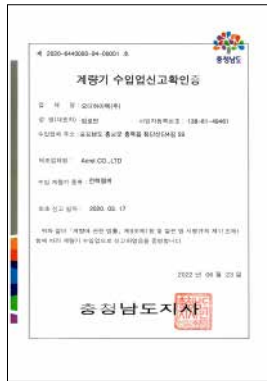
Patent No. 10-2168001



Patent No. 10-2271038



Quality Management Certificate



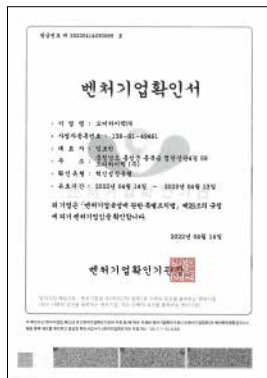
Import business report confirmation



Material parts equipment specialized company confirmation



Member of Korea International Trade Association



Venture company confirmation



Company-affiliated research institute certificate

# Product

1. Panel PC
2. DC Meter
3. Touch Monitor



# PANEL PC

## Panel PC for EV Charger

As the EV market is getting bigger and bigger, the infra industry is Growing as well. The emerging market if the infra industry is EV chargers, and it also grows every year. ODHitec is cooperating with many charger manufacturers in Korea and established an R&D LAB to support them.

Software and Hardware (pc, monitor, housing, etc) can be supported.

By demands from the market, ODHitec is developing new customized products.

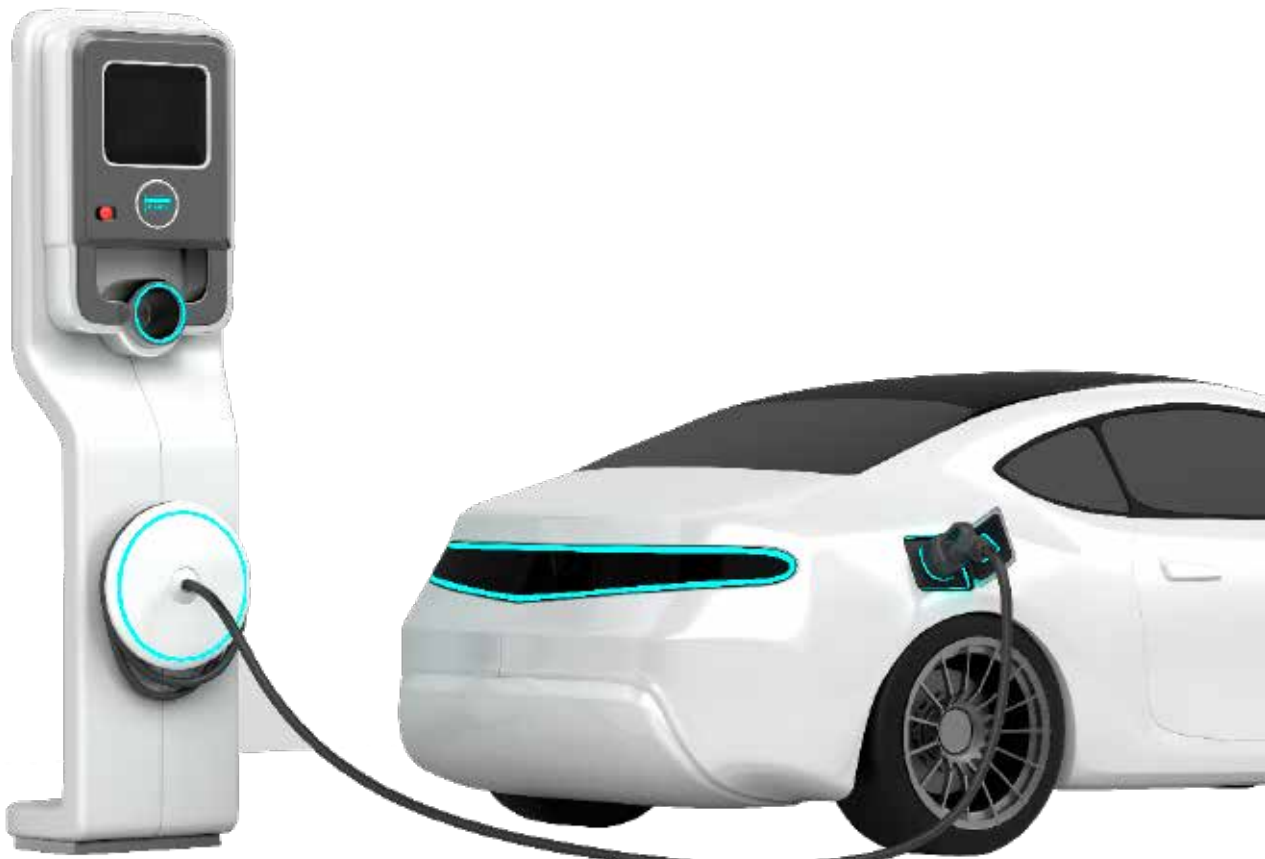
Adapting High brightness (1000~1500 nits) for perfectly outdoor use.

Capacitive touch screen applied.

Win10, Linux, Android supported.

Waterproof (IP65), IK08 and customized options at a reasonable price

Available size : 8", 11.6", 12.1", 15", 15.6", 24", 32", 43" and more



# Panel pc – Separate type

Panel PC –Separate type is different type of panel pc and it's easy to install to narrow space by connecting HDMI cable.





# ODHitec Panel PC **window10**

| Panel Size               |                    | 8" Panel PC                   | 11.6" Panel PC                | 12.1" Panel PC                |                               |
|--------------------------|--------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Model No.                |                    | ODP080CT10-B3                 | ODP116CT10-B3                 | ODP121CT15-B3-S               | ODP121CT15-B3-M               |
| LCD                      | LCD Size           | 8", 16:9                      | 11.6" 16:9                    | 12.1", 4:3                    | 12.1", 4:3                    |
|                          | Resolution         | 1024 X 600                    | 1920 X 1080                   | 800 X 600                     | 1024 X 768                    |
|                          | Brightness (Typ.)  | 1000 nit                      | 1000 nit                      | 1500 nit                      | 1500 nit                      |
| Touch                    | Type               | P-CAP Touch                   | P-CAP Touch                   | P-CAP Touch                   | P-CAP Touch                   |
|                          | Touch Point        | 1 Point                       | 1 Point                       | 1 Point                       | 1 Point                       |
| Motherboard              | CPU                | Intel Atom/J1900              | Intel Atom/J1900              | Intel Atom/J1900              | Intel Atom/J1900              |
|                          |                    | Quad-Core                     | Quad-Core                     | Quad-Core                     | Quad-Core                     |
|                          | RAM                | RAM 2G / 4G                   | RAM 2G / 4G                   | RAM 2G / 4G                   | RAM 2G / 4G                   |
|                          | SSD                | m-SATA 2G/4G/8G               | m-SATA 2G/4G/8G               | m-SATA 2G/4G/8G               | m-SATA 2G/4G/8G               |
|                          | Ethernet           | 2 x RJ45<br>(3 X RJ45 Option) | 2 x RJ45<br>(3 X RJ45 Option) | 2 x RJ45<br>(3 X RJ45 Option) | 2 x RJ45<br>(3 X RJ45 Option) |
|                          | COM Port           | RS232 X 2 / RS485 X 2         | RS232 X 2 / RS485 X 2         | RS232 X 2 / RS485 X 2         | RS232 X 2 / RS485 X 2         |
|                          | USB                | USB 3.0 x1, USB 2.0 x3        | USB 3.0 x1, USB 2.0 x3        | USB 3.0 x1, USB 2.0 x3        | USB 3.0 x1, USB 2.0 x3        |
|                          | OS                 | Win10 IOT (64BIT)             | Win10 IOT (64BIT)             | Win10 IOT (64BIT)             | Win10 IOT (64BIT)             |
| Mechanical & Environment | IP protection      | IP65 / Front                  | IP65 / Front                  | IP65 / Front                  | IP65 / Front                  |
|                          | Power input        | DC 12V                        | DC 12V                        | DC 12V                        | DC 12V                        |
|                          | Power Consumption  | 20W                           | 30W                           | 30W                           | 30W                           |
|                          | Operating          | -30'C~80'C                    | -30'C~80'C                    | -30'C~80'C                    | -30'C~80'C                    |
|                          | Storage            | -30'C~80'C                    | -30'C~80'C                    | -30'C~80'C                    | -30'C~80'C                    |
|                          | Dimension (WxHxD)  | 234x157x65                    | 309.2x214.2x105               | 301x239x55.5                  | 301x239x55.5                  |
|                          | Life time          | 30,000                        | 30,000                        | 30,000                        | 30,000                        |
|                          | Tempered glass(3T) | IK08                          | -                             | IK08                          | IK08                          |
| A/D BOARD                | Input Source       | HDMI (Separate version Only)  |                               |                               |                               |

# Window10

ODHitec Panel PC

COMPANY OVERVIEW

PANEL PC

DC METER

TOUCH MONITOR

| 15" Panel PC                  | 15.6" Panel PC                | 24" panel pc                  | 32" Panel PC                  | 43" Panel PC                  |
|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| ODP150CT15-B3                 | ODP156CT15-B3                 | ODP240CT15-B3                 | ODP320CT10-B3                 | ODP430CT10-B3                 |
| 15," 4:3                      | 15.6", 16:9                   | 24", 16:9                     | 32" 16:9                      | 43", 16:9                     |
| 1024 X 768                    | 1920 X 1080                   | 1920 X 1080                   | 1920 X 1080                   | 1920 X 1080                   |
| 1500 nit                      | 1000nit                       | 1000nit                       | 1000nit                       | 1000nit                       |
| P-CAP Touch                   | P-CAP Touch                   | P-CAP Touch                   | P-CAP Touch                   | P-CAP Touch                   |
| 1 Point                       | 1 Point                       | 1 Point                       | P-CAP Touch                   | 1 Point                       |
| Intel Atom/J1900              | Intel Atom/J1900              | Intel Atom/J1900              | Intel Atom/J1900              | Intel Atom/J1900              |
| Quad-Core                     | Quad-Core                     | Quad-Core                     | Quad-Core                     | Quad-Core                     |
| RAM 2G / 4G                   | RAM 2G / 4G                   | RAM 2G / 4G                   | RAM 2G / 4G                   | RAM 4G / 8G                   |
| m-SATA 2G/4G/8G               | m-SATA 2G/4G/8G               | m-SATA 2G/4G/8G               | m-SATA 2G/4G/8G               | m-SATA 2G/4G/8G               |
| 2 x RJ45<br>(3 X RJ45 Option) | 2 x RJ45<br>(3 X RJ45 Option) | 2 x RJ45<br>(3 X RJ45 Option) | 2 x RJ45<br>(3 X RJ45 Option) | 2 x RJ45<br>(3 X RJ45 Option) |
| RS232 X 2 / RS485 X 2         | RS232 X 2 / RS485 X 2         | RS232 X 2 / RS485 X 2         | RS232 X 2 / RS485 X 2         | RS232 X 2 / RS485 X 2         |
| USB 3.0 x1, USB 2.0 x3        | USB 3.0 x1, USB 2.0 x3        | USB 3.0 x1, USB 2.0 x2        | USB 3.0 x1, USB 2.0 x2        | USB 3.0 x1, USB 2.0 x2        |
| Win10 IOT (64BIT)             | Win10 IOT (64BIT)             | Win10 IOT (64BIT)             | Win10 IOT (64BIT)             | Win10 IOT (64BIT)             |
| IP65 / Front                  | IP65 / Front                  | IP65 / Front                  | IP65 / Front                  | IP65 / Front                  |
| DC 12V                        | DC 12V                        | DC 12V, 8A                    | SMPS                          | SMPS                          |
| 35W                           | 40W                           | 55W                           | TBD                           | 100W                          |
| -30'C~80'C                    | -30'C~80'C                    | -30'C~80'C                    | -30'C~80'C                    | -30'C~80'C                    |
| -30'C~80'C                    | -30'C~80'C                    | -30'C~80'C                    | -30'C~80'C                    | -30'C~80'C                    |
| 390x315x74.6                  | 426x277x66.2                  | 600x370x84                    | TBD                           | 998.x592x86.8                 |
| 30,000                        | 30,000                        | 30,000                        | 30,000                        | 30,000                        |
| IK08                          | IK08                          | IK08                          | IK08                          | -                             |

HDMI (Separate version Only)

# ODHitec Panel PC **Linux**

| Panel Size               |                    | 8" Panel PC                        | 11.6" Panel PC                     | 12.1" Panel PC                     |
|--------------------------|--------------------|------------------------------------|------------------------------------|------------------------------------|
| Model No.                |                    | ODPL080CT10-L3                     | ODP116CT10-L3                      | ODPL121CT15-L3-S                   |
| LCD                      | LCD Size           | 8", 16:9                           | 11.6" 16:9                         | 12.1", 4:3                         |
|                          | Resolution         | 1024 X 600                         | 1920 X 1080                        | 800 X 600                          |
|                          | Brightness (Typ.)  | 1000 nit                           | 1000 nit                           | 1500 nit                           |
| Touch                    | Type               | P-CAP Touch                        | P-CAP Touch                        | P-CAP Touch                        |
|                          | Touch Point        | 1 Point                            | 1 Point                            | 1 Point                            |
| Motherboard              | CPU                | Intel Apollo Lake J3355 Dual2.0GHz | Intel Apollo Lake J3355 Dual2.0GHz | Intel Apollo Lake J3355 Dual2.0GHz |
|                          | RAM                | RAM 2G / 4G                        | RAM 2G / 4G                        | RAM 2G / 4G                        |
|                          | SSD                | m-SATA 2G/4G/8G                    | m-SATA 2G/4G/8G                    | m-SATA 2G/4G/8G                    |
|                          | Ethernet           | 2 x RJ45<br>(3 X RJ45 Option)      | 2 x RJ45<br>(3 X RJ45 Option)      | 2 x RJ45<br>(3 X RJ45 Option)      |
|                          | COM Port           | RS232 X 2 / RS485 X 2              | RS232 X 2 / RS485 X 2              | RS232 X 2 / RS485 X 2              |
|                          | USB                | USB 3.0 x 1, USB 2.0 x 3           | RS232 x 3 / RS485 x 1              | USB 3.0 x 1, USB 2.0 x 3           |
|                          | OS                 | Ubuntu 16.04.6 (X86)               | Ubuntu 16.04.6 (X86)               | Ubuntu 16.04.6 (X86)               |
| Mechanical & Environment | IP protection      | IP65 / Front                       | IP65 / Front                       | IP65 / Front                       |
|                          | Power input        | DC 12V                             | DC 12V                             | DC 12V                             |
|                          | Power Consumption  | 20W                                | 30W                                | 30W                                |
|                          | Operating          | -30'C~80'C                         | -30'C~80'C                         | -30'C~80'C                         |
|                          | Storage            | -30'C~80'C                         | -30'C~80'C                         | -30'C~80'C                         |
|                          | Dimension(WxHxD)   | 234x157x65                         | TBD                                | 301x239x55.5                       |
|                          | Life time          | 30,000                             | 30,000                             | 30,000                             |
|                          | Tempered glass(3T) | IK08                               | -                                  | IK08                               |
| A/D BOARD                | Input Source       |                                    |                                    |                                    |



ODHitec Panel PC

COMPANY OVERVIEW

PANEL PC

DC METER

TOUCH MONITOR

| 12.1" Panel PC                     | 15" Panel PC                       | 15.6" Panel PC                     | 24" Panel PC                       |
|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| ODPL121CT15-L3-M                   | ODPL150CT15-L3                     | ODPL156CT15-L3                     | ODPL240CT15-L3                     |
| 12.1", 4:3                         | 15", 4:3                           | 15.6", 16:9                        | 24", 16:9                          |
| 1024 X 768                         | 1024 X 768                         | 1920 X 1080                        | 1920 X 1080                        |
| 1500 nit                           | 1500 nit                           | 1000nit                            | 1000/1500 nit                      |
| P-CAP Touch                        | P-CAP Touch                        | P-CAP Touch                        | P-CAP Touch                        |
| 1 Point                            | 1 Point                            | 1 Point                            | 1 Point                            |
| Intel Apollo Lake J3355 Dual2.0GHz | Intel Apollo Lake J3355 Dual2.0GHz | Intel Apollo Lake J3355 Dual2.0GHz | Intel Apollo Lake J3355 Dual2.0GHz |
| RAM 2G / 4G                        | RAM 2G / 4G                        | RAM 2G / 4G                        | RAM 2G / 4G                        |
| m-SATA 2G/4G/8G                    | m-SATA 2G/4G/8G                    | m-SATA 2G/4G/8G                    | m-SATA 2G/4G/8G                    |
| 2 x RJ45<br>(3 X RJ45 Option)      | 2 x RJ45<br>(3 X RJ45 Option)      | 2 x RJ45<br>(3 X RJ45 Option)      | 2 x RJ45<br>(3 X RJ45 Option)      |
| RS232 X 2 / RS485 X 2              | RS232 X 2 / RS485 X 2              | RS232 X 2 / RS485 X 2              | RS232 X 2 / RS485 X 2              |
| USB 3.0 x 1, USB 2.0 x 3           | USB 3.0 x 1, USB 2.0 x 3           | USB 3.0 x 1, USB 2.0 x 3           | USB 3.0 x 2, USB 2.0 x 2           |
| Ubuntu 16.04.6 (X86)               | Ubuntu 16.04.6 (X86)               | Ubuntu 16.04.6 (X86)               | Ubuntu 16.04.6 (X86)               |
| IP65 / Front                       | IP65 / Front                       | IP65 / Front                       | IP65 / Front                       |
| DC 12V                             | DC 12V                             | DC 12V                             | DC 12V                             |
| 30W                                | 35W                                | 40W                                | 55W                                |
| -30'C~80'C                         | -30'C~80'C                         | -30'C~80'C                         | -30'C~80'C                         |
| -30'C~80'C                         | -30'C~80'C                         | -30'C~80'C                         | -30'C~80'C                         |
| 301x239x55.5                       | 390x315x74.6                       | 426x277x66.2                       | 600x370x84                         |
| 30,000                             | 30,000                             | 30,000                             | 30,000                             |
| IK08                               | IK08                               | -                                  | IK08                               |

HDMI (Separate version Only)

# PANEL PC

## Industrial PC / Embedded board

### 3.5" Industrial PC

- ComPort, RAM, SSD, and etc. changeable
- Customized case available



| Model    | B351C                      | A351                                      | PMC-3910                | A2SAN-E                        |
|----------|----------------------------|---|-------------------------|--------------------------------|
| CPU      | Intel Atom J1900 Quad-Core | Intel Apollo Lake J3355 Dual Core         | Intel Celeron Dual Core | Intel Atom Processor Quad-Core |
| RAM      | RAM 2G / 4G                | RAM 2G / 4G                               | RAM 2G / 4G             | RAM 2G / 4G                    |
| SSD      | m-SATA 32                  | m-SATA 32                                 | m-SATA 32               | m-SATA 32                      |
| Ethernet | 2 x RJ45                   | 2 x RJ45                                  | 2 x RJ45                | 2 x RJ45                       |
| Com Port | RS232x3 / RS485x2          | RS232x3 / RS485x1                         | RS232x3 / RS485x2       | RS232x3 / RS485x2              |
| OS       | Win10 IOT (64BIT)          | Win10 IOT (64BIT) / Linux(Ubuntu 16.04.6) | Win10 IOT (64BIT)       | Win10 IOT (64BIT)              |
| Remarks  | CE                         |   | CE                      | CE, UL                         |

# Solar Control System



## OD SCS( Solar Control System) Technology

### DAY/NIGHT Fan control by SCS UAT Communication of HMI

- With this function, HMI can be kept proper level temperature inside during daytime, and at night, turning off the fans then keep fan lifetime and make no noise.

### Touch reset

- As the touch resets itself, inconveniences from no touch screen reaction will be reduced.

### Radar sensor application (option)

- Applying radar sensor in the panel pc, save the energy in the normal time (about 40% saved). When the sensor detects the cars in the 3m, the brightness will reach 100%.

### LCD BLU Auto dimming

### Patent Application : 10-2022-0123310 (Korea)

# PANEL PC

## Installation case

> 43 inch Panel PC for Hyungdai



COMPANY OVERVIEW

PANEL PC

DC METER

TOUCH MONITOR





# PANEL PC

## Installation case

> 8 inch Panel PC for Audi



8 inch Panel PC for Mercedes-Benz



COMPANY OVERVIEW

PANEL PC

DC METER

TOUCH MONITOR

# PANEL PC

## Installation case

24 inch Panel pc for Ministry of Environment



12.1inch Panel pc



24 inch Panel pc for Ministry of Environment



12.1inch Pane pc for Kepco



COMPANY OVERVIEW

PANEL PC

DC METER

TOUCH MONITOR

15inch Panel PC in USA



8 inch Panel PC in JEJU Island



11.6 inch Pane PC for Hyundai E-pit



15" Panel pc in Jeju island



8 inch Pane PC in Jeju Island



# DC METER

With double DC input channels, designed for telecommunications base stations, DC charging piles, solar photovoltaic and other applications, this series of meters can measure the voltage, current, power and forward and reverse energy and so on in the DC system.

The actual use of the site, you can measure the total power, but also measure the energy within a specified period. The test results can be used for local display, but also with industrial control equipment, computers to form a measurement and control system.

Telecommunication Interface : RS485, IR

Telecommunication Protocol : Modbus-RTU, DL/T645-200

| ODHitec DC Power Meter |                              |                              |
|------------------------|------------------------------|------------------------------|
| Model                  | ODJSF1352-RN/S               | ODJSF1352-RN/D               |
| Channel                | Single                       | Dual                         |
| Voltage Input Range    | 1000V                        | 1000V                        |
| AUX Power              | AC 220V 50/60Hz              | DC 24V                       |
| Accuracy Class         | 1.0                          | 1.0                          |
| Shunt                  | 100A, 200A, 300A, 500A, 700A | 100A, 200A, 300A, 500A, 700A |
| Pulse                  | 400 / 1000                   |                              |





## **TOUCH MONITOR**

With high brightness LCD applied capacitive touch screen on, perfectly use for outdoor.

# TOUCH MONITOR

- With high brightness LCD applied capacitive touch screen on, perfectly use for outdoor.
- Any board can be adapted and the ODHitec's standard is supporting HDMI, RGB and DVI.
- Waterproof(IP65), IK08
- Available size : 8",10.4",11.6",12.1",15",15.6",24",32",43" and more.



ODHitecTouch Monitor

| Size                        |                            | 8"   | 10.4"                        | 12.1"            |
|-----------------------------|----------------------------|--|------------------------------|------------------|
| Model No.                   |                            | ODM080CT10-403                                       | ODM104CT10-403               | ODM121CT15-S-403 |
| LCD                         | Resolution                 | 1024 x600  | 1024 x 768                   | 800x 600         |
|                             | Brightness(Nit)            | 1,000  | 1,000                        | 1,500            |
|                             | Life time (24 Hours)       | 30,000   | 30,000                       | 30,000           |
| Touch                       | Type                       | P-CAP  | P-CAP                        | P-CAP            |
|                             | Point                      |  |                              |                  |
|                             | Tempered glass             |  |                              |                  |
| Environmental (Temperature) | Operating                  | -30°C~ 80°C  | -30°C~ 80°C                  | -30°C~ 80°C      |
|                             | Storage                    | -30°C~ 80°C  | -30°C~ 80°C                  | -30°C~ 80°C      |
| Mechanical                  | Dims (mm)                  | TBD  | TBD                          | TBD              |
|                             | Ingress Protection Marking | IP65   | IP65                         | IP65             |
| Power Supply                | DCinput                    | DC 12V   | DC 12V                       | DC 12V           |
|                             | Power consumption          | TBD  | TBD                          | TBD              |
| Controller board            | AD board                   | [Outputresolution]<br>- VGA ~ WUXGA<br>(1920 x 1200) | [Inputs]<br>- VGA, DVI, HDMI |                  |



| 12.1"  | 15"            | 15.6" (16:9)                 | 19"  | 24" (16:9)     |
|--|----------------|------------------------------|--|----------------|
| ODM121CT15-M-403                               | ODM150CT15-403 | ODM156CT15-403               | ODM190CT15-403   | ODM240CT15-403 |
| 1024 x 768                                     | 1024 x 768     | 1920 x 1080                  | 1920 x 1024  | 1090 x 1080    |
| 1,500  | 1,500          | 1,000                        | 1,500  | 1,500          |
| 30,000   | 30,000         | 30,000                       | 30,000   | 30,000         |
| P-CAP  | P-CAP          | P-CAP                        | P-CAP  | P-CAP          |
| 1 Point (muti touch available)                 |                |                              |  |                |
| IK08   |                |                              |  |                |
| -30°C~ 80°C                                    | -30°C~ 80°C    | -30°C~ 80°C                  | -30°C~ 80°C  | -30°C~ 80°C    |
| -30°C~ 80°C                                    | -30°C~ 80°C    | -30°C~ 80°C                  | -30°C~ 80°C  | -30°C~ 80°C    |
| TBD  | TBD            | TBD                          | TBD  | TBD            |
| IP65   | IP65           | IP65                         | IP65   | IP65           |
| DC 12V   | DC 12V         | DC 12V                       | DC 12V   | DC 12V         |
| TBD  | TBD            | TBD                          | TBD  | TBD            |
| [Power safe mode]<br>- VESE DPMS<br>Compatible |                | [DDC CI]<br>- Support DDC/CI | [Optional]<br>- Remote control<br>- Fan control<br>- Auto backlight control<br>- RS232 Control |                |