



Digital Information Display

Narrow Bezel DID Tiling Technology
Needing no seperate controller to tile units

SAMSUNG DID

Wide View

Anti-glare Glass

HDMI

Build IN Tiling Software

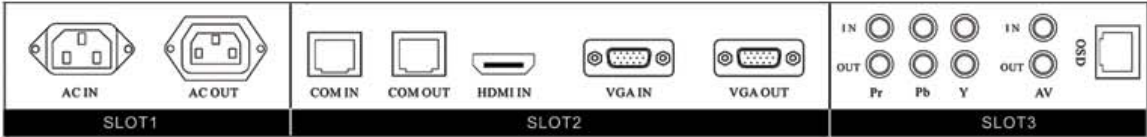
RoHS

Specifications of DID



- With unique technique of Samsung, High contrast ratio of 2000:1; Proper color temp of 10000k; Ensuring perfect showing even under sunshine.
- Landscape, Portrait, Hanging or wall mounting use—Adopting Samsung DID panel, Which is free from gravity gap.

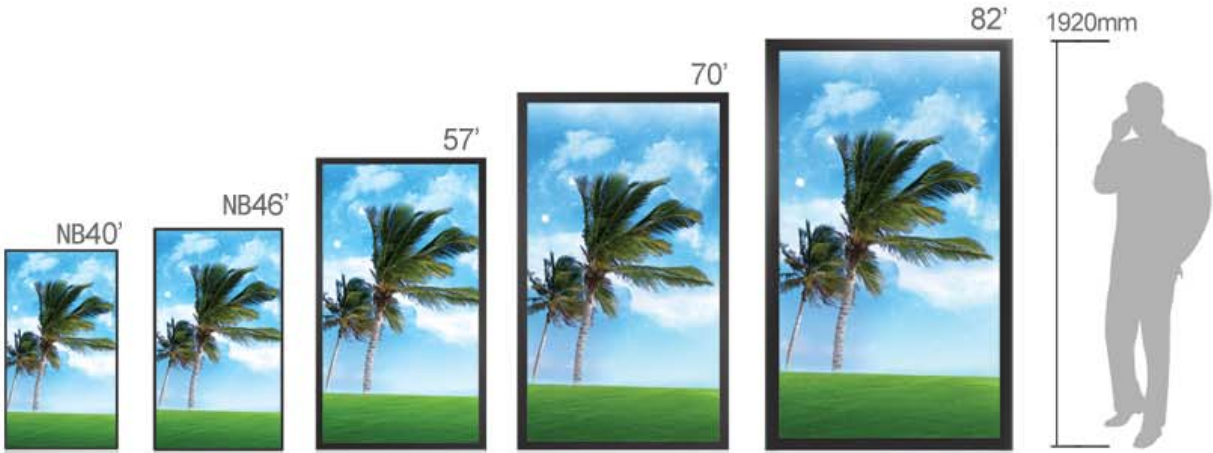
- Auto-diagnosis—Measure the temperature inside to turn on fans or start to warm it up automatically.
- Long Lifetime; High Reliability; Free from sticking image and burn-in; Low maintaining fee.
- On/Off automatically—equipped with a calendar, on/off choices per day or week.
- Configurable I/O—VGA, HDMI, YPbPr & AV for PC and kinds of video signals.



- With LAN function and media player(optional).
- Brand-new S-PVA technique ensuring no stretch in 178 degrees from any direction.



◆ Wide angle of view (178 degrees) ensuring enjoying from all direction.



Applications of DID



Traffic management



Conference hall



Flood Prevention Center



Financial Management



Supermarket



Concert



Brand Store/Bus Stop



Subway Station

- Power Dispatching Center
- Military Headquarters
- Municipal Emergency Headquarters
- Transportation Headquarters
- Industrial Flow Display System
- Radio and TV Broadcasting Display and Monitor System
- Supermarket, Hotel and Communication Information Display System
- Financial and Stock Information Display System
- Government Departments and Enterprises Multi-media Video Meeting Display System
- Security Monitor System for Mining
- Municipal Environmental Monitor System
- Fire Protection, Weather Bureau, and Maritime Flood Prevention Command Chains
- Flight Information, Subway, Luggage and Security Monitor System
- Brand Image Display System
- Vocal Concert
- Rental Company for Display

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Specifications of units of Narrow Bezel Tiled DID

- Needing no separate controller to tile units
- The narrowest bezel up to now— only 10mm
- Full high definition display ----1080p
- Special module design for both single and tiled use
- Adoption of Samsung DID panel— long lifetime,
High reliability, Specialized in display
- Net work function--play and transfer files through internet



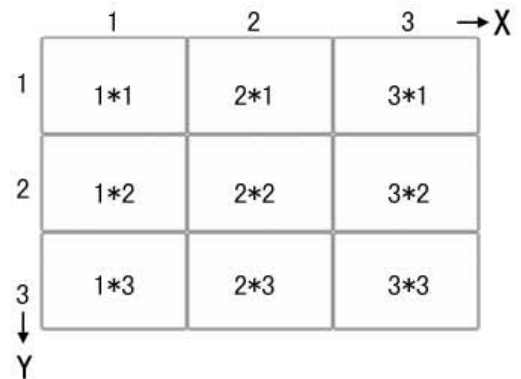
Features of Narrow Bezel Tiled DID

Needing no separate controller to tile units

1. All units in the tiled DID are controlled by software Ex: 3*3 tiling



- Setting the number of landscape displays
- Setting the number of portrait displays
- Setting the abscissa of one unit
- Setting the ordinate of the unit



The narrowest bezel

Special technique of Samsung— only 10mm/set



DID Tiled Display



Conventional Tiled Display

Special tiling technique esp. for HD showing in full screen



DID Tiled Display



Conventional Tiled Display

The resolution of each unit is 1366 * 768, and with special tiling technique invented by Goodview, the display of the whole screen boasts 1080p HD showing.

■ Tiled Display adopts Samsung unique DID panels, boasting special display and module structure which are different from conventional LCD.

a> Unique SPVA technology

b> Special module structure

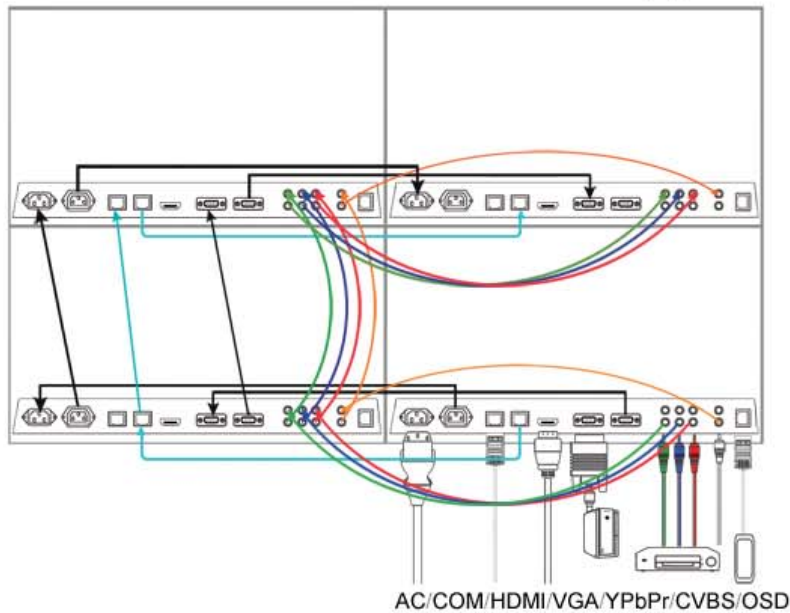
1) Adoption of heat protection plate & Improving ventilation with air gap

2) Adoption of Tni

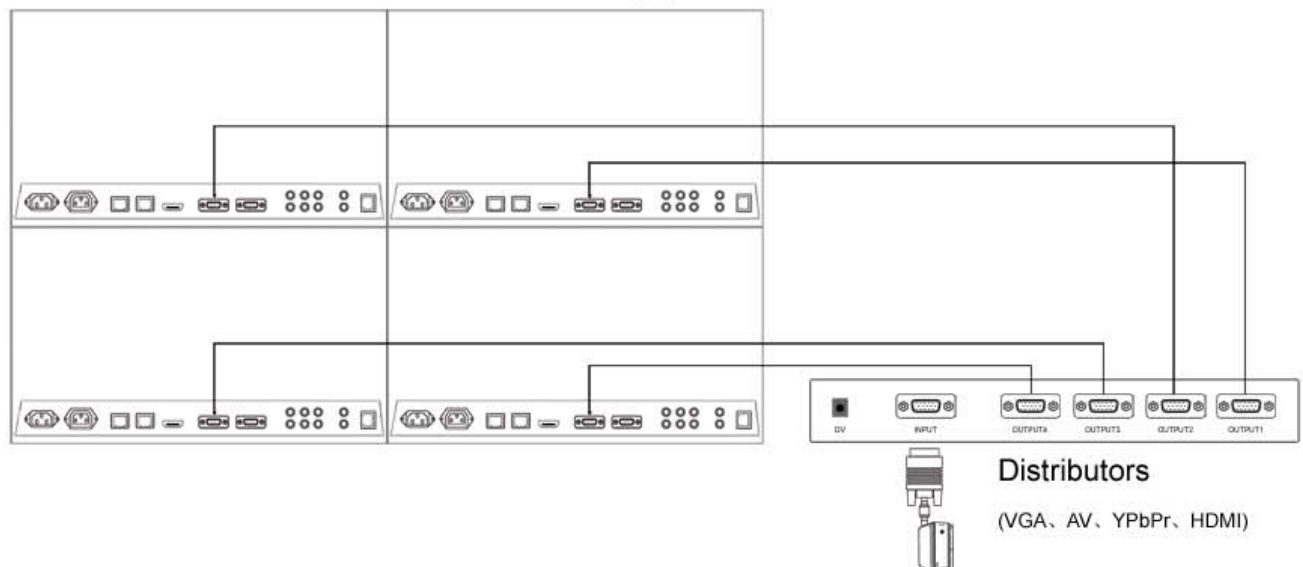
Know more about samsung DID, please visit: http://www.samsung.com/global/business/lcdpanel/flash/pop_did.html

■ Powerful interface supporting: VGA (PC), YPbPr (HD Signal), HDMI, CVBS, S-Video (Optional), TV Tuner (Optional).

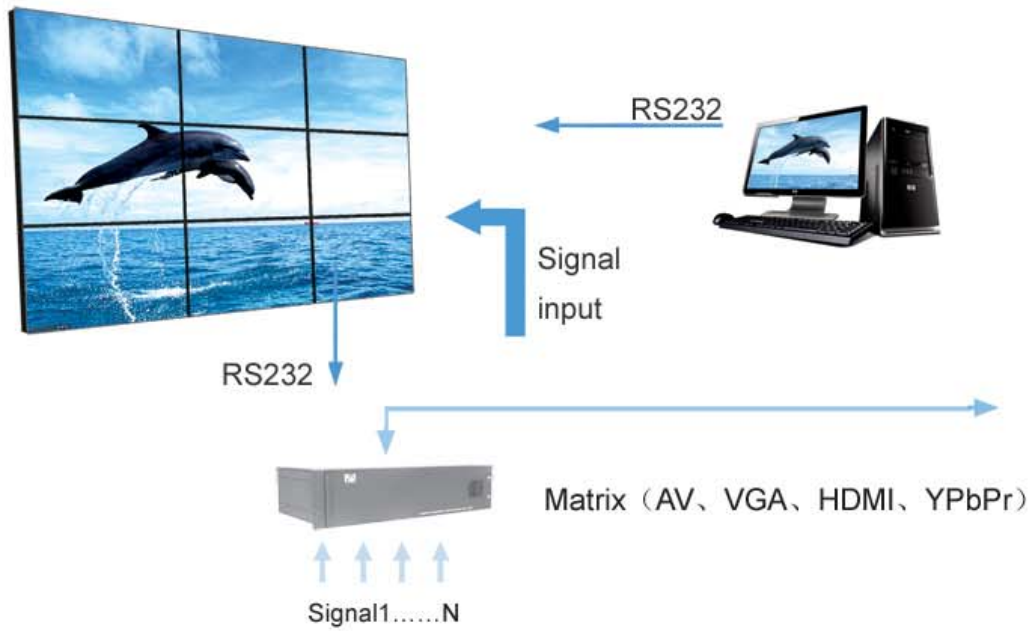
Connections of Narrow Bezel Tiled DID (1)



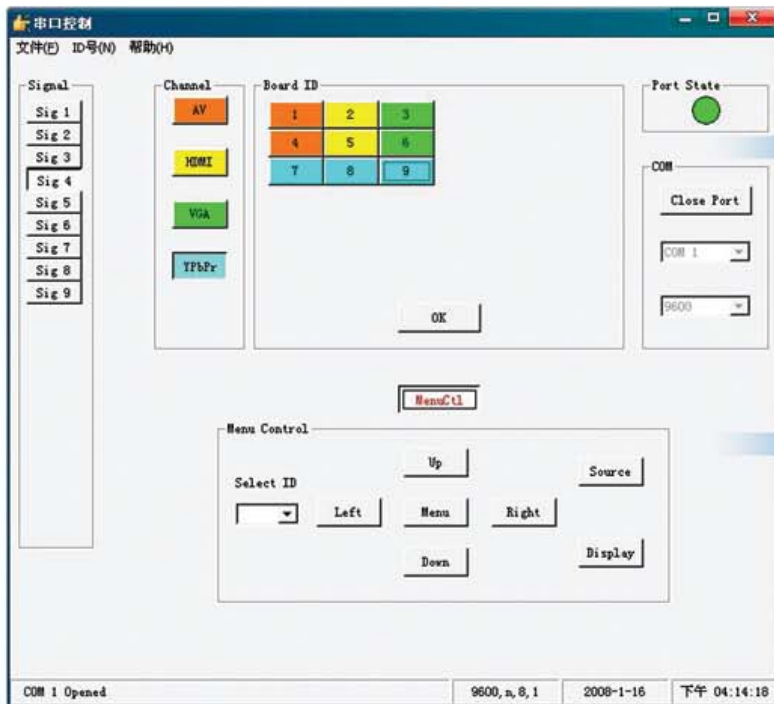
Connections of Narrow Bezel Tiled DID (2)



■ PC control software



■ Software on PC

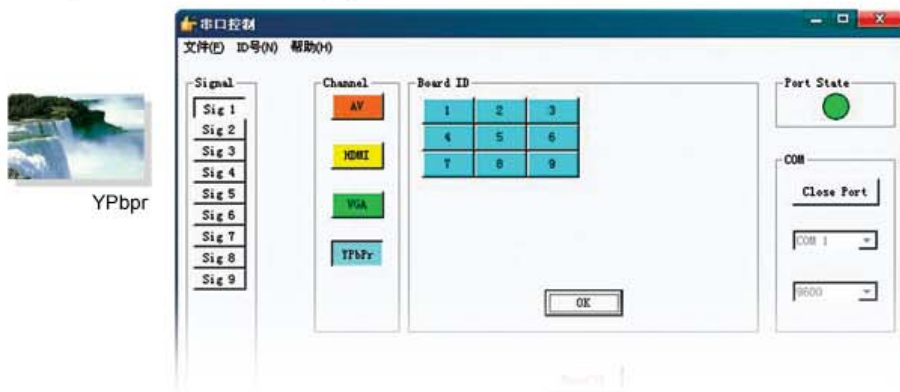


Support 4 signals (can be extended) to be shown on one display at the same time.

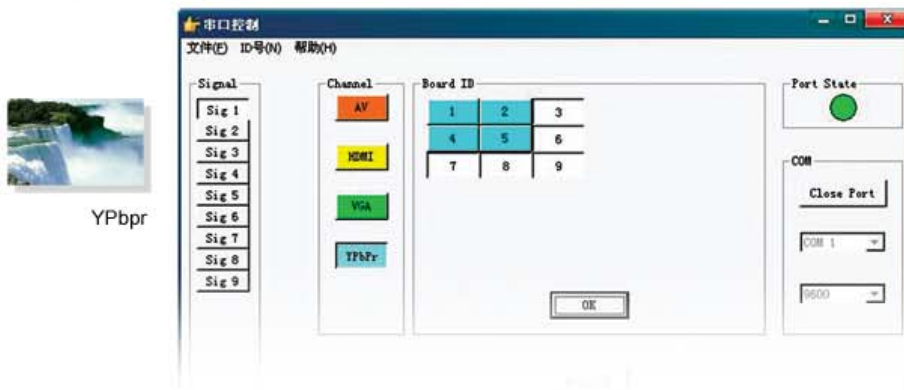
With OSD and one remote controller adjust contrast, brightness, saturation and color

One signal input (For example:YPbPr)

Example I : Full screen display



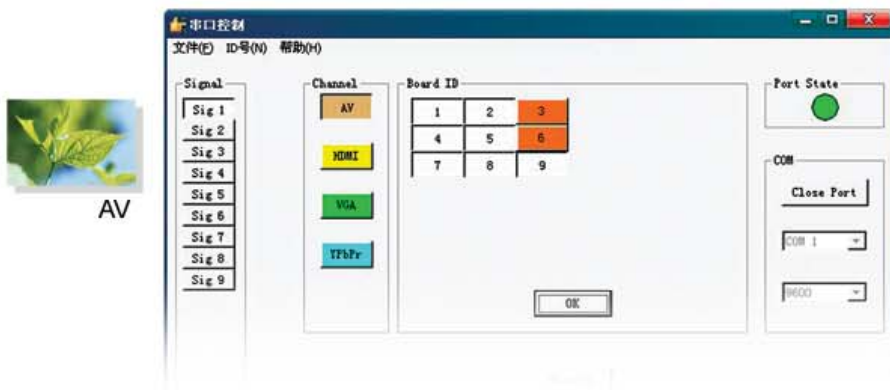
Example II : Display in selected screens



The display of VGA,HDMI,Video and YPbPr signal follows the same procedures

Combination of different signals

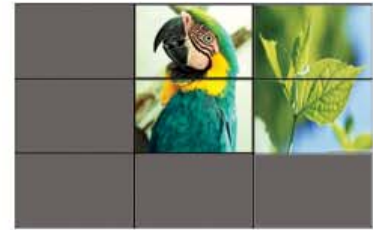
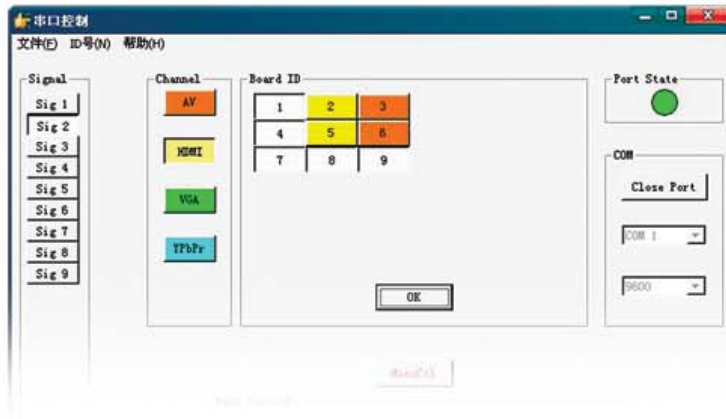
ExampleIII: AV signal input



Example IV: HDMI signal input



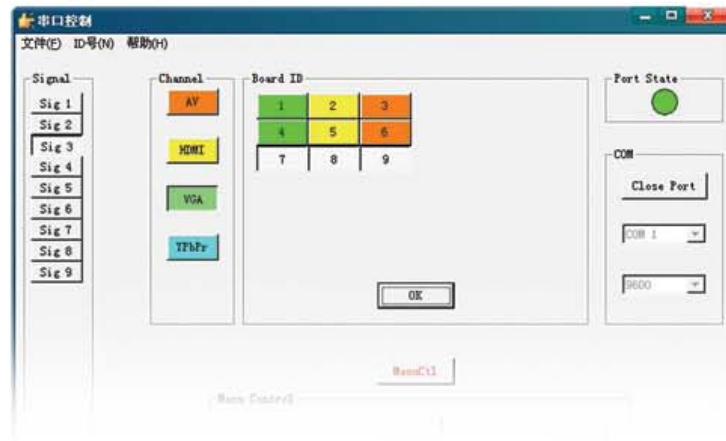
HDMI



Example V: VGA signal input



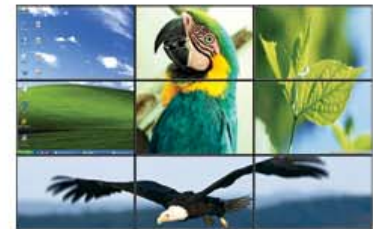
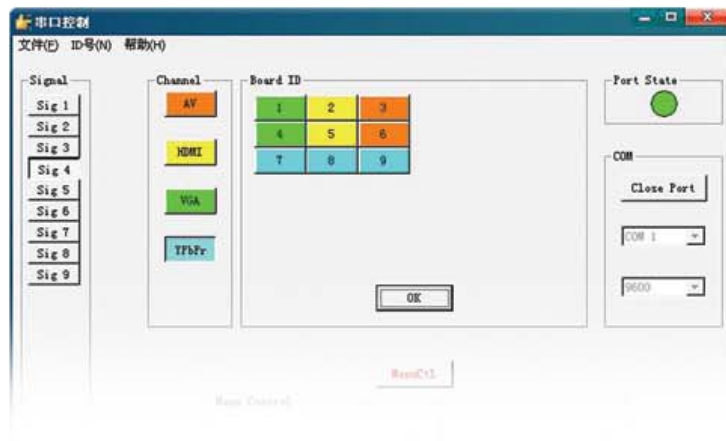
VGA



Example VI: YPbPr signal input



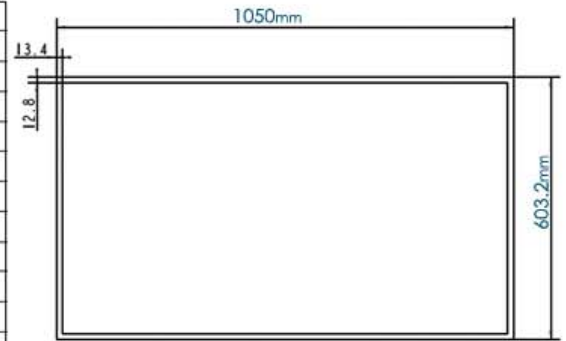
YPbPr



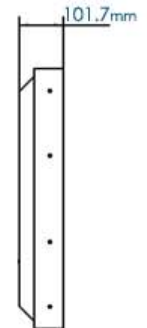
This software can work with matrix to display several signals in a tiled screen

Specifications of 46" Narrow Bezel Tiled DID Display

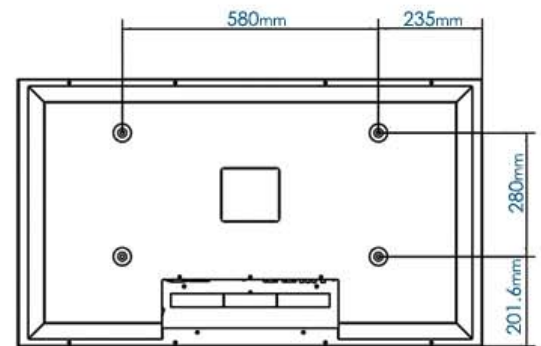
| | | |
|------------------------|---|--|
| Model | PD46N1/PD46N2 | |
| Screen Size | 46inch | |
| Aspect Ratio | 16: 9 | |
| Number of Pixels | 1366(H) x 768(V) | |
| Pixel Pitch(H x V) mm | 0.7455(H) x 0.7455(V) | |
| Response Time | 8ms | |
| Displayable Colors | 8 BIT,16.7M | |
| Brightness | 700cd/m ² | |
| Contrast Ratio | 2000:1 | |
| Color Temperature | 10000K | |
| Viewing Angle (H/V) | 178/178 degrees | |
| Active Display Area | 1018.353(H) x 572.544(V) | |
| Power Supply | AC 100V ~ 240V,50/60Hz,Universal,±10% | |
| Power Consumption | 300W typical,normal operation | |
| Power Management | VESA DPMS | |
| Backlight Life | 50000 hours | |
| Recommended Resolution | 1366 x 768 | |
| Input | CVBS | 1.0Vp-p |
| | YPbPr | NTSC(60Hz),480P,720P,1080i PAL(50Hz),576P,720P,1080i |
| | HDMI | NTSC,480P59,720P59, 1080i59, 1080P59, 480P60, 720P60, 1080i60, 1080P60 PAL,50Hz,576P,720P,1080i,1080P |
| | VGA | VGA@60Hz, SVGA@60Hz, XGA@60Hz, SXGA@60Hz |
| Protection Glass | Anti Glare | Reflection Rate ≤0.5% |
| Temperature | Operational | 0~50℃ |
| | Storage | -20~70℃ |
| Humidity | Operational | 20~80% |
| | Storage | 20~80% |
| Pressure | Operational | 800~1114 hPa (Altitude:0~2,000m) |
| | Storage | 600~1114 hPa (Altitude:0~4,500m) |
| Standard Accessories | VGA Cable,YUV Cable,AV Cable, YPbPr Cable,HDMI Cable, AC Cable,NET Cable,OSD Controller, Remote Controller | |
| Optional Accessories | Wall-Mount or Ceiling-Mount Bracket | |



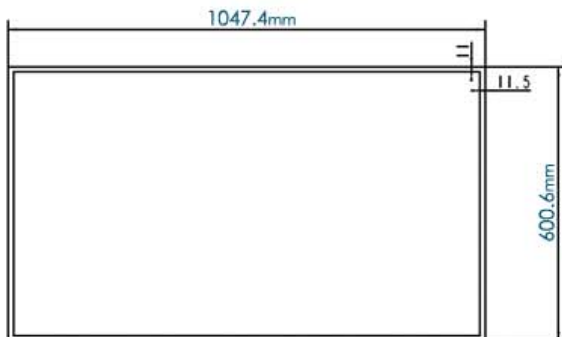
PD46N1-Front



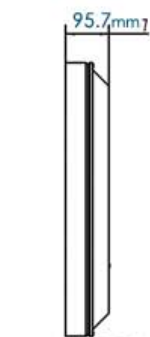
PD46N1-Side



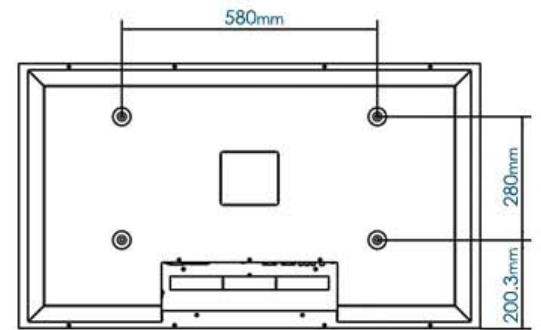
PD46N1-Back



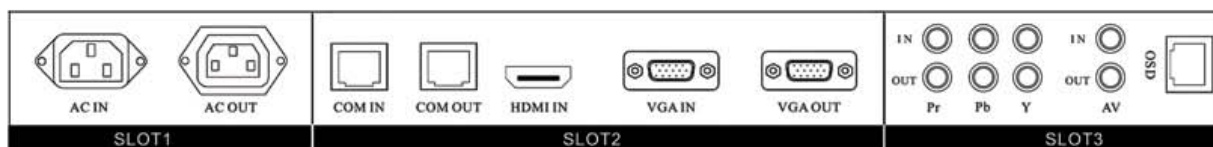
PD46N2-Front



PD46N2-Side



PD46N2-Back



Interface