



## 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

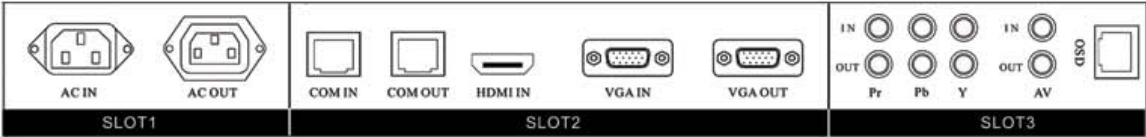
RoHS

# 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



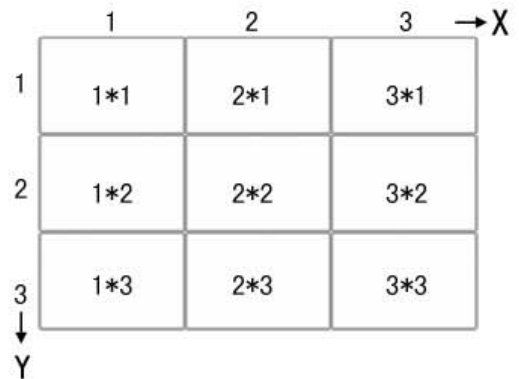
## Features of Narrow Bezel Tiled DID

### 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

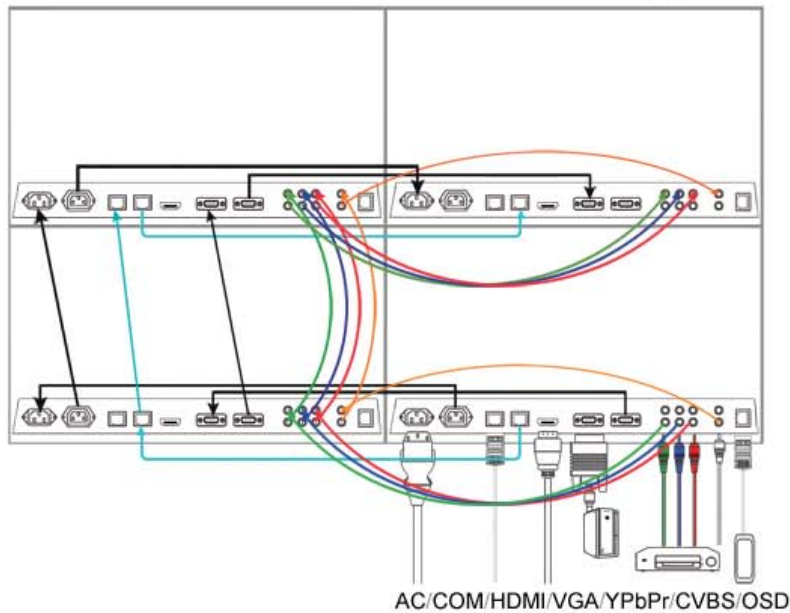
1) Adoption of heat protection plate & Improving ventilation with air gap

2) Adoption of Tni

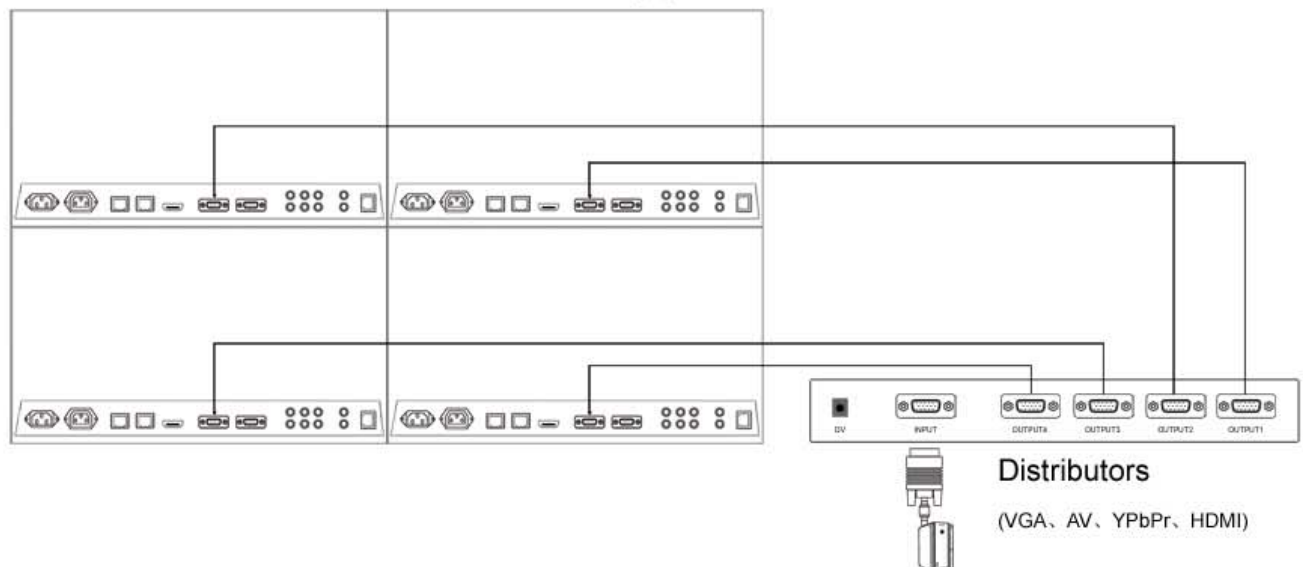
Know more about samsung DID ,please visit:[http://www.samsung.com/global/business/lcdpanel/flash/pop\\_did.html](http://www.samsung.com/global/business/lcdpanel/flash/pop_did.html)

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

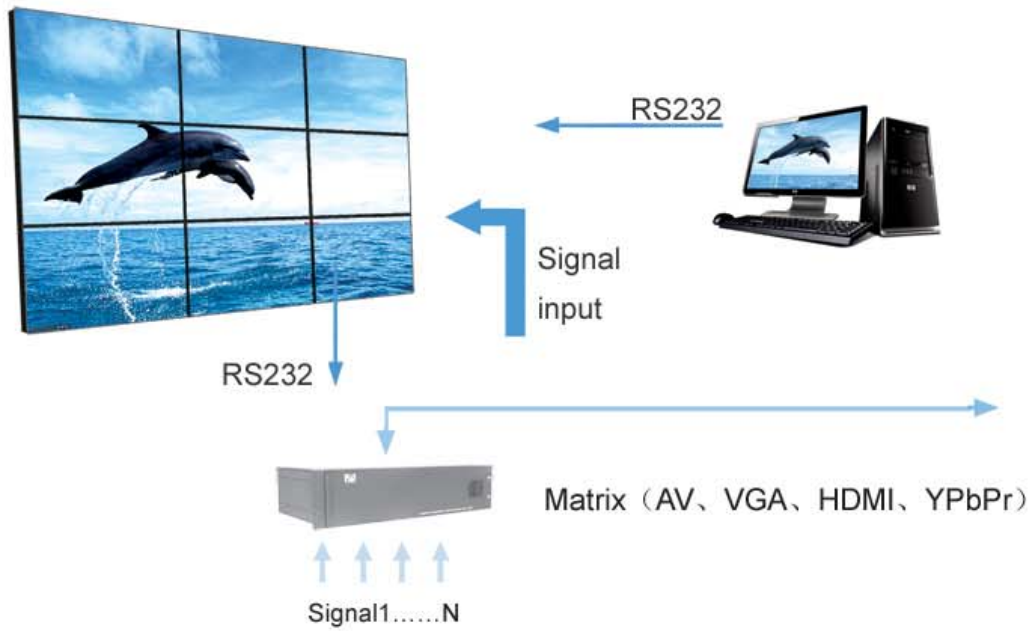
### Connections of Narrow Bezel Tiled DID (1)



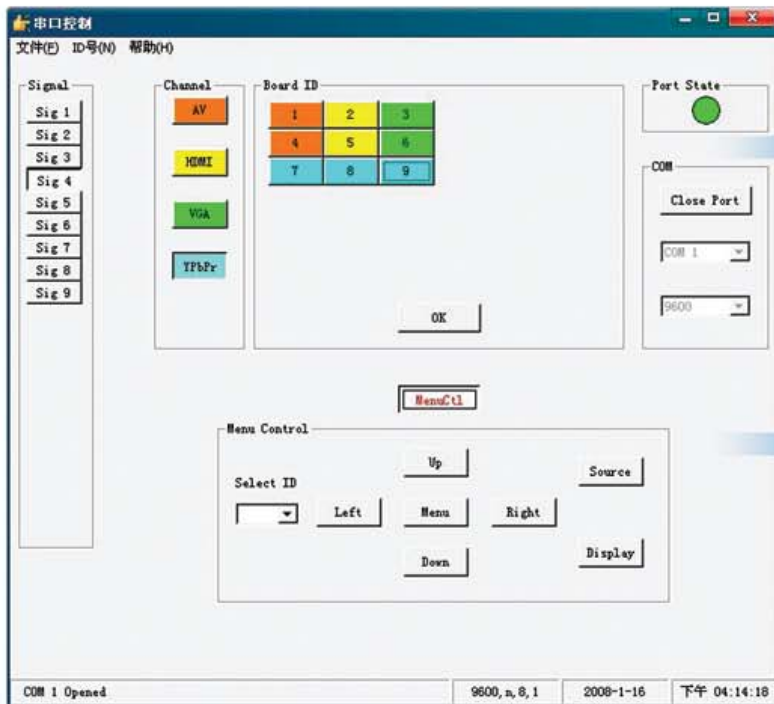
### Connections of Narrow Bezel Tiled DID (2)



■ PC control software



■ Software on PC

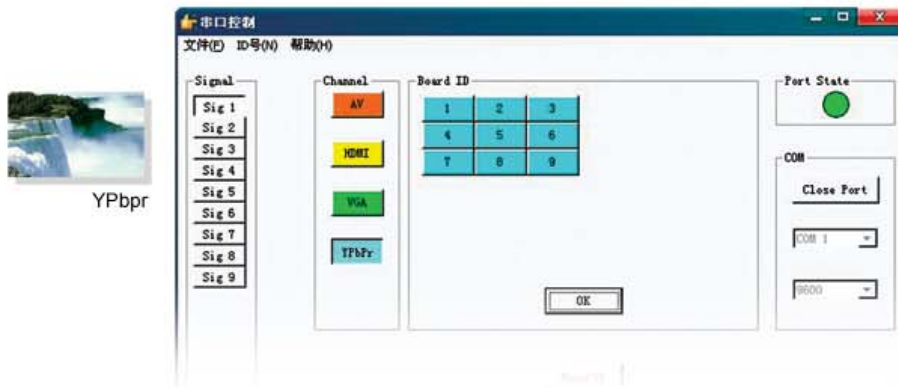


Support 4 signals (can be extended) to be shown on one display at the same time.

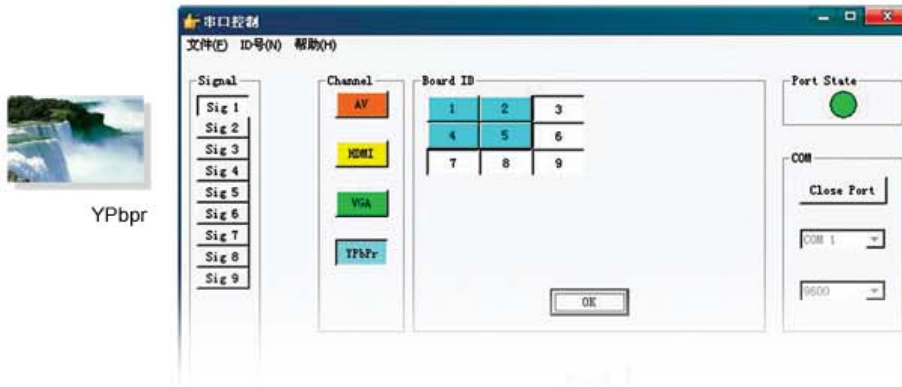
With OSD and one remote controller adjust contrast, brightness, saturation and color

## One signal input (For example:YPbPr)

Example I : Full screen display



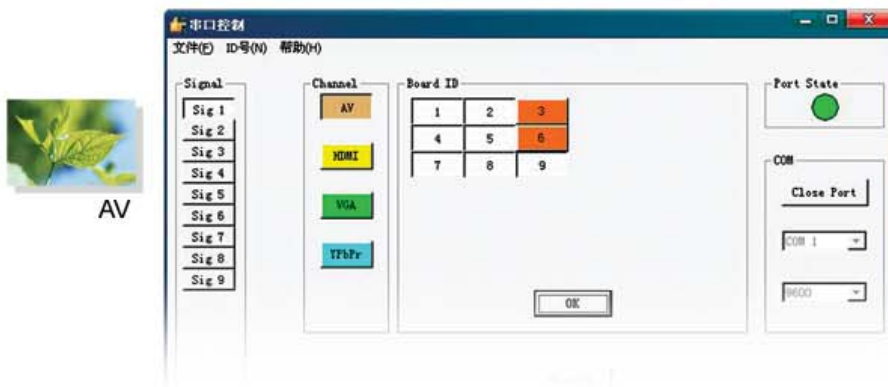
Example II : Display in selected screens



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

## Combination of different signals

ExampleIII: AV signal input

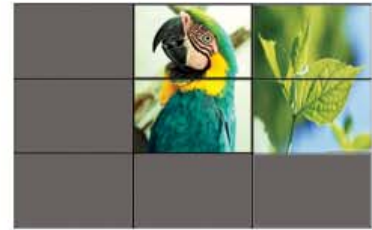
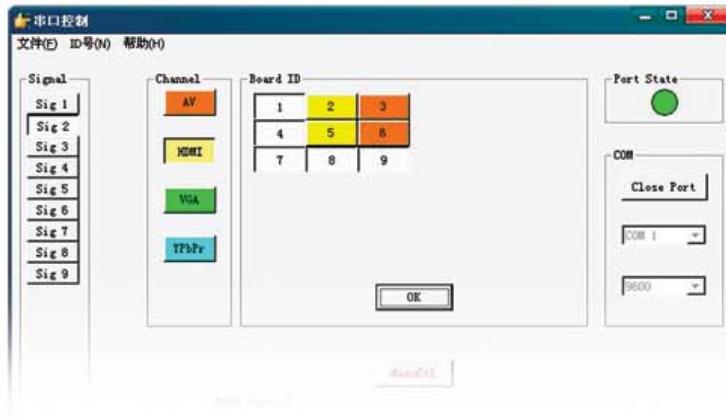




Example IV: HDMI signal input



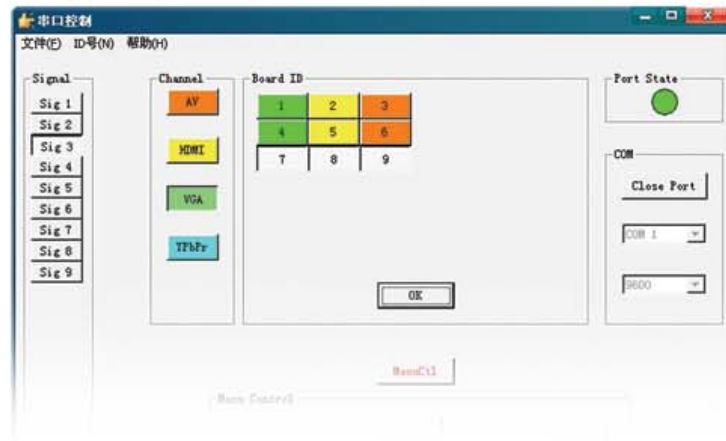
HDMI



Example V: VGA signal input



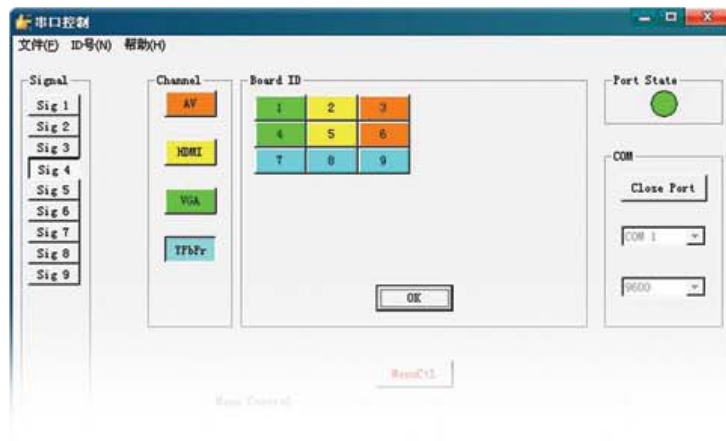
VGA



Example VI: YPbPr signal input



YPbPr



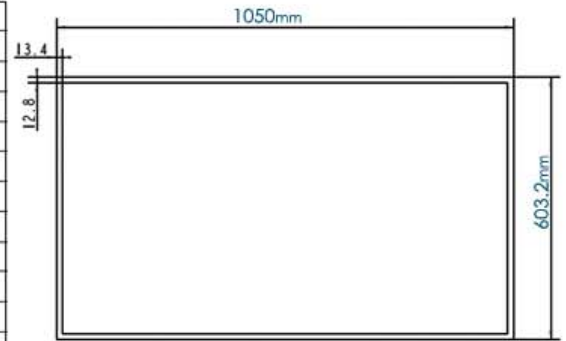
This software can work with matrix to display several signals in a tiled screen





## Specifications of 46" Narrow Bezel Tiled DID Display

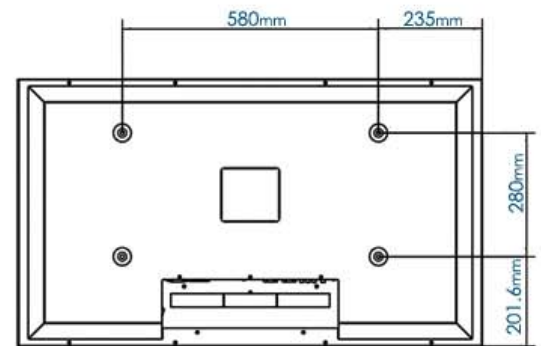
|                        |   |  |
|------------------------|---|--|
| Model                  | PD46N1/PD46N2   |  |
| Screen Size            | 46inch  |  |
| Aspect Ratio           | 16: 9   |  |
| Number of Pixels       | 1366(H) x 768(V)  |  |
| Pixel Pitch(H x V) mm  | 0.7455(H) x 0.7455(V)   |  |
| Response Time          | 8ms   |  |
| Displayable Colors     | 8 BIT,16.7M   |  |
| Brightness             | 700cd/m <sup>2</sup>  |  |
| 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<br>PAL(50Hz),576P,720P,1080i  |
|                        | HDMI  | NTSC,480P59,720P59,<br>1080i59, 1080P59, 480P60,<br>720P60, 1080i60, 1080P60<br>PAL,50Hz,576P,720P,1080i,1080P |
|                        | VGA   | VGA@60Hz, SVGA@60Hz,<br>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,<br>AC Cable,NET Cable,OSD Controller, Remote Controller |  |
| Optional Accessories   | Wall-Mount or Ceiling-Mount Bracket   |  |



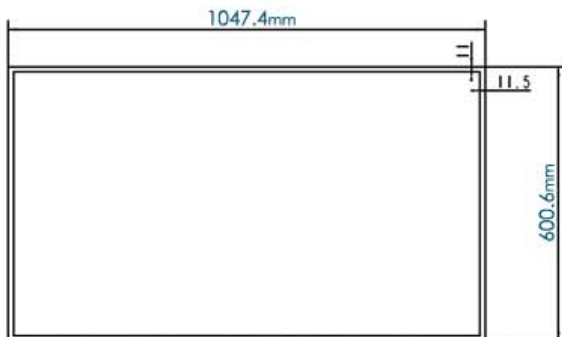
PD46N1-Front



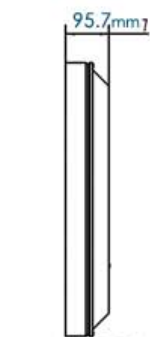
PD46N1-Side



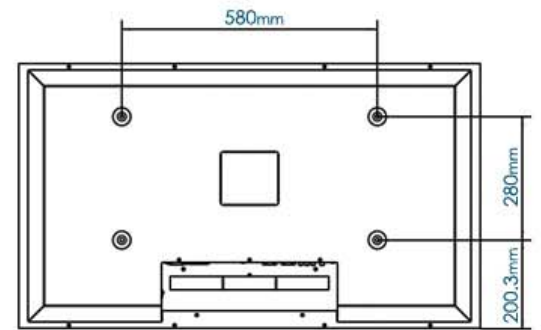
PD46N1-Back



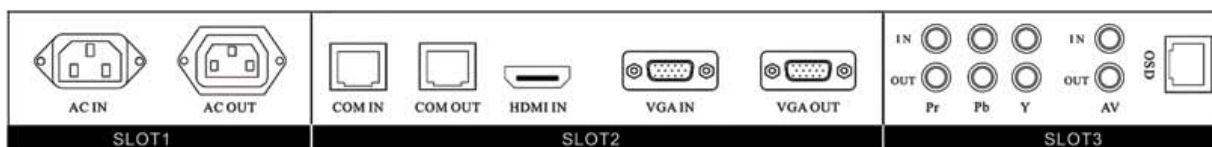
PD46N2-Front



PD46N2-Side



PD46N2-Back



Interface