

1x4 DisplayPort DA



DPS-4

USER MANUAL DPS-4

V1.0

Package Contents-

- 1x DPS-4 Unit
- 1x User manual
- 1x Power adapter DC 12V with lock
- 2x screws
- 4x foot pads

Any thing missed, please contact with your vendor.

Features

- DP 1.2a Compliant.
- Link rate HBR2/HBR/RBR.
- Supports SST or MST.
- Supports 1, 2, or 4 lanes.
- HDCP compliant.
- IN/OUT DP++ interface featuring.
- HDMI 1.4 compliant receiver.
- AC coupled HDMI 1.4 transmitter.
- All 3D formats defined in DP 1.2a and HDMI 1.4 standards.

Specifications

| Function | DPS-4 |
|---------------------------|-----------------------|
| DP Input Connector | 1 |
| DP Output Connector | 4 |
| LED indicators | POWER |
| Power Adapter (Min.) | DC 12V (LOCKING JACK) |
| DIP SW | 3 PIN DIP SWITCH |
| DSUB-9PIN | F/W Upgrade |
| DP Output Max. Resolution | 4Kx2K@60 |
| DP Cable Distance | 5 meters (Max.) |
| Housing | Metal |
| Weight | 460g |
| Dimensions (LxWxH) | 171x120x25mm |

FRONT VIEW



- 3PIN DIP SW
- F/W Upgrade
- DP Input Connector
- Power jack (12V DC In)

REAR VIEW



- Power LED
- System Reset
- DP Output Connector1~4

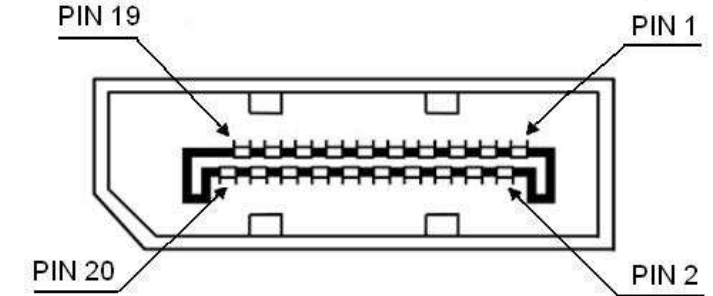
DIP Switch Setting

Select MST or SST mode:

| 1 | 2 | 3 | Mode |
|-------------|-----|---|------|
| F/W UPGRADE | OFF | | MST |
| | ON | | SST |

MST : Multi-Stream Transport, extend mode.
 SST : Mirror mode, all the output screen is the same, the EDID by DP out1 Monitor.
 ✨As the mode select ready, please re-open the power.

Technical Specifications Output Signal



DP Out Connector Pin Assignment

| Pin # | Signal | Pin # | Signal |
|-------|---------------|-------|-----------------|
| 1 | ML_Lane 0 (p) | 11 | GND |
| 2 | GND | 12 | ML_Lane 3 (n) |
| 3 | ML_Lane 0 (n) | 13 | CONFIG1 |
| 4 | ML_Lane 1 (p) | 14 | CONFIG2 |
| 5 | GND | 15 | AUX_CH(p) |
| 6 | ML_Lane 1 (n) | 16 | GND |
| 7 | ML_Lane 2 (p) | 17 | AUX_CH(n) |
| 8 | GND | 18 | Hot Plug Detect |
| 9 | ML_Lane 2 (n) | 19 | Return |
| 10 | ML_Lane 3 (p) | 20 | DP_PWR |

DP In Connector Pin Assignment

| Pin # | Signal | Pin # | Signal |
|-------|---------------|-------|-----------------|
| 1 | ML_Lane 3 (n) | 11 | GND |
| 2 | GND | 12 | ML_Lane 0 (p) |
| 3 | ML_Lane 3 (p) | 13 | CONFIG1 |
| 4 | ML_Lane 2 (n) | 14 | CONFIG2 |
| 5 | GND | 15 | AUX_CH(p) |
| 6 | ML_Lane 2 (p) | 16 | GND |
| 7 | ML_Lane 1 (n) | 17 | AUX_CH(n) |
| 8 | GND | 18 | Hot Plug Detect |
| 9 | ML_Lane 1 (p) | 19 | Return |
| 10 | ML_Lane 0 (n) | 20 | DP_PWR |

Installation

1. Turn off the DP source and DP display.
2. Connect the DP cable between the DP source and the "DP IN" port of DPS-4.
3. Connect the DP cable between the DP display and the "DP OUT" port of DPS-4.
4. Connect the power cord of DPS-4.
5. Turn on the DP source and display.

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