

Hardware Connections



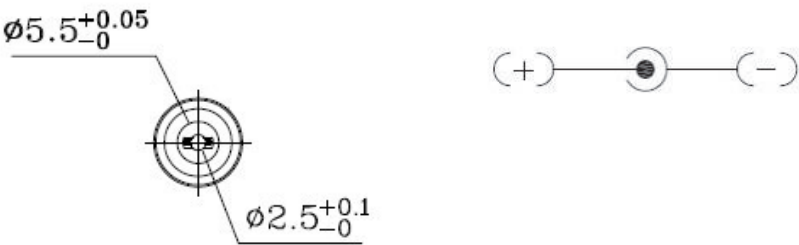
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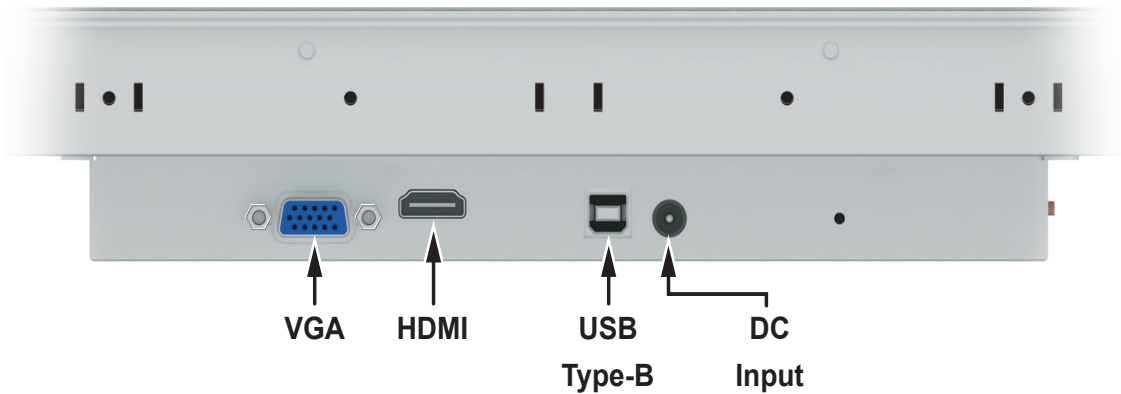
Connector Pin Layouts

Barrel Pin Layout

Pin No.	Pin Name	Signal Type
1	Center Pin +12V @5A	Power
2	GND	GND

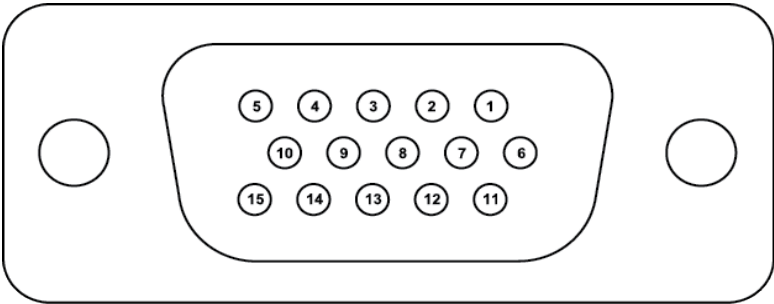


Input/Output Layout

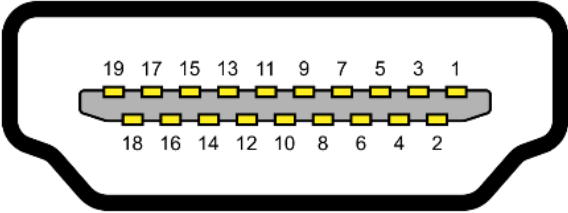


VGA Connector Pin Assignment

Pin Number	Pin Name	Signal Type
1	RED	Analog In
2	GREEN	Analog In
3	BLUE	Analog In
4	N/C	—
5	GND	GND *for cable detection
6	GND	GND
7	GND	GND
8	GND	GND
9	+5V Power	Power In
10	GND	GND
11	N/C	—
12	SDA	I/O
13	Horizontal Sync	In
14	Vertical Sync	In
15	SCL	In



HDMI Connector Assignment

Pin Number	Pin Name	Signal Type	Pin Assignment
1	TMDS Data2+	In	
2	TMDS Data2 Shield	GND	
3	TMDS Data2-	In	
4	TMDS Data1+	In	
5	TMDS Data1 Shield	GND	
6	TMDS Data1-	In	
7	TMDS Data0+	In	
8	TMDS Data0 Shield	GND	
9	TMDS Data0-	In	
10	TMDS Clock +	IN	
11	TMDS Clock Shield	GND * Cable detection	
12	TMDS Clock -	In	
13	CEC	Not used	
14	NC	—	
15	DDC Clock	In	
16	DDC Data	I/O	
17	GND	GND	
18	HDMI-HOT	+5V Power (in)	
19	HDMI-PLUG	Out (Hot Plug Detection)	

Pin Number	Pin Name	Signal Type	Pin Assignment
1	+5V	In	—
2	USB-Data-	I/O	USB2.0 for touch
3	UDB-Data+	I/O	USB2.0 for touch
4	GND	GND	—