



2-Channel 4K DP Input Card

TV-8004PR-4K



Description:

The 2-channel 4K DP input card can convert the DP signals output by blue ray DVD and other graphics devices into digital signals and send to the processor through a special DP signal receiving chip. It supports resolution up to 3840*2160@30Hz (or 4088*4088@15Hz), automatic detection of dynamic switching of various resolutions, and scaling and optimization of the input signal, so as to achieve the desired viewing effect.

Feature:

- * Support DP 1.1 protocol, support maximum 4K@30Hz signal.
- * Support automatic detection of resolution changes.
- * Support HDCP1.4 authentication.
- * Support signal source clipping.
- * Support advanced EDID management and EDID changes.

Specification:

Model	TV-8004PR-4K
Interface type	DP standard interface
Interface quantity	Interface*2
Input signal	DP 1.1 (maximum data rate 2.7Gbps)
Signal level	VdiffP-P: 130mV 1300mV
Impedance	50Ω
Maximum resolution	4K
Frame rate	Up to 30fps at 4K resolution
Maximum transmission rate	10.8Gbps
Input channel	2
Power consumption	12.3W
Temperature	0~50°C (working environment), -55~70°C (storage environment)
Humidity	10%~80% (working environment), 10%~90% (storage environment)
Board type	Blade card
Weight	0.3kg
Dimension	203*224*20mm