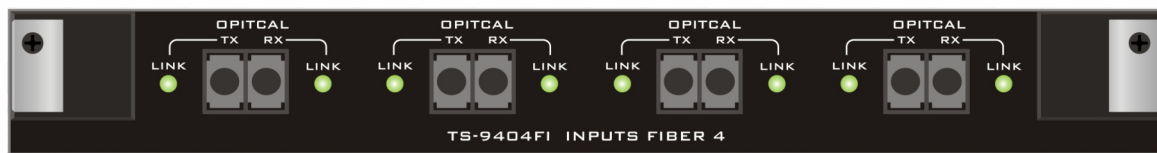




# Optical Seamless HD Input Card

Embedded software: HD matrix input card embedded software V4.40

## TS-9404FI



### Description:

It is specially designed for smart HD seamless hybrid matrix in the market. It supports digital HD 1080P signal, featuring high integration. The quantity of the boards is optional as needed. It is very convenient for application and maintenance.

### Feature:

- \* Support 4 high-speed two-core LC fiber optic input interfaces.
- \* Support resolution up to 1080P.
- \* Fast and seamless switching, no flicker, no black screen.
- \* Support power off memory protection.
- \* Support infrared serial input, realize infrared serial port switching.
- \* Adopt LC two-core single and multimode fiber technology, the transmission distance is up to 80km.
- \* Support infrared serial port transparent transmission (With the optical fiber sending/receiving box, it can realize infrared serial input and output);
- \* Adopt full digital zero-compression technology for high-performance signal transmission.
- \* Maximum input resolution: 1920x1200P@ 60.
- \* Support hot plug, plug and play, easy to use.

### Specification:

Model	TS-9404FI
Input	4 fiber optic signals (two-core single, multimode fiber)
Input connector	Two-core LC fiber interface
Transmission power	-5dB(standard)
Maximum loss	13dB
Wavelength	Multimode 850nm/Single Mode: 1310-1620nm (optional)
Multimode fiber	50/125μm
Single mode fiber	9/125μm
Interface bandwidth	3.25Gbps, full digital
Clock Jitter	<0.15 Tbit
Rise time	<0.3Tbit (20%--80%)
Fall time	<0.3Tbit (20%--80%)
Maximum input distance	OM3 multimode fiber: 300m, single mode fiber: 2km ( support customization of 80 kilometers)
Maximum power consumption	8W
Weight	About 0.5kg