



# Optical Moment KVM Receiver

## TV-6141RX



## Description

The optical moment KVM receiver supports HDMI port output and two optical fiber port inputs. Used with the optical moment server, it adopts a private optical fiber transmission protocol to realize HD video decoding and transmission. In addition, it supports visual KVM management and interaction, and bidirectional transmission of serial data.

## Feature

- \* Used with the optical moment server, it realizes the KVM matrix function.
- \* Support up to 1920\*1200P@60fps HD video signal output, support HDMI1.3 and HDCP1.4 standards, and backward compatibility.
- \* With a 3.5mm audio interface, it supports optional external audio and HDMI audio, and supports audio de-embedding.
- \* Adopt private optical fiber transmission protocol, support full 4:4:4 chroma sampling of image RGB color gamut.
- \* Support hot-swappable optical fiber cable, support dual-link backup.
- \* With a 3.5mm audio reverse input port, it supports two-way audio transmission.
- \* Support KVM function, support screen capture takeover and screen push, which can be pushed to any display or large screen; support KVM cross-screen roaming, support cross-platform operation, including Windows, Linux, Mac and other system platforms.
- \* KVM management OSD menu supports mode switching, supports list mode and visual preview mode to display signal source list, supports information request and confirmation interaction prompt during KVM push takeover.
- \* Support KVM role permission management, and control KVM signal management permission through the server permission management function.
- \* Using non-IP optical fiber transmission scheme, the latency from signal acquisition to output screen is as low as 17ms.
- \* KVM keyboard and mouse operation supports mouse position box identification; in the case of multiple devices in one seat, it can quickly find out the screen where the current mouse is located.
- \* With bidirectional RS-232 interface, 1\*IR IN interface, 1\*IR OUT interface, it supports bidirectional serial port or infrared transparent transmission.
- \* Support online batch upgrade through management background.
- \* Support automatic recovery of terminal nodes after abnormal power failure.
- \* With a Reset button, it supports one-key terminal reset function.
- \* Using high-stability hardware framework, it supports 7\*24 continuous operation.

## Specification

Model	TV-6141RX
Input interface	1*network interface, 2*fiber port
Video output interface	1*HDMI digital video interface
Audio output interface	1*3.5mm audio output interface
Reverse audio input interface	1*3.5mm audio input interface
Serial port	1*RS-232
Infrared interface	1*IR IN, 1*IR OUT
USB	2*USB interface, support KVM keyboard and mouse access
Reset button	1*RESET button
Audio	Support analog/digital audio switching
Picture quality	RGB4:4:4, lossless image quality and color space
Maximum HDMI output resolution	1920*1200P@60Hz
Powered by	DC12V 1.5A
Rated power consumption	10W
Ambient temperature	0°C~+45°C
Ambient humidity	10%~80%
Dimension (L*W*H)	127mm*75mm*42mm
Weight	1.15kg