



ATEN KE6920R

ProdCode: ATENKE6920R

2K DVI-D Dual-Link KVM over IP Receiver with Dual SFP



[\[Download Images\]](#) (.zip file)

Features

- 2K DVI-D Dual-Link KVM over IP Receiver with Dual SFP
- Advance processor provides lossless and low latency video transmissions up to 2560 x 1600 @60 Hz and 2560 x 2048 @50 Hz
- Authentication Lock – automatically logs in when the power of the system is resumed after power off
- Connection Redundancy – automatically connects to another transmitter (Tx) after disconnection with the original Tx, ensuring constant access to servers
- Supports power / network failover – KE6920 has 2 DC jacks for power redundancy while 1 RJ-45 & 2 SFP fiber ports for network failover to ensure constant availability for mission-critical applications

The KE6920 is a high performance IP-based extender consisting of a transmitter (KE6920T) and a receiver (KE6920R). The transmitter connects to a computer to deliver the computer's data to the receiver to collectively provide console access from a remote or separate location. The KE6920 allows extended access of computer systems remotely via USB consoles (USB keyboard, USB mouse, DVI monitor) over intranet, enabling users to place the computer system in secure and temperature controlled environments, which maybe isolated from users' workstation.

The KE6920 supports one DVI display at each end, providing video resolutions up to 2560 x 2048 @ 50Hz and flawless and lossless video compression quality with extremely low latency. The KE6920 supports network connections via the RJ-45 port or the two SFP slots. The transmitter and receiver can be connected either directly to each other, or via a high-speed network over a copper-based or fiber-based LAN. By connecting via the SFP slots with 1Gbps SFP fiber module¹ expansions on fiber optic network, you can extend transmission distances up to 10km. The KE6920 also features dual power supplies for redundancy to ensure dependable services.

The KE6920 can be set on a desk, mounted on a wall or at the rear of a rack with its space saving 0U rack-mount design. As an IP-based matrix extender, the KE6920 can be used as a point-to-point / point-to-multipoint / multipoint-to-point extender, or integrated into a KVM over IP Matrix System (multipoint-to-multipoint) when combined with the CCKM, providing more flexible applications in different working environments.

When integrated with the CCKM, the KE6920 supports more advanced features such as authentication lock, connection redundancy, disconnection alert, boundless switching, "Push" and "Pull", video wall and multi-display setups, and profile scheduling that provide uninterrupted access with quick and easy control tools to use the KE6920 over a network. More functions include auto detection of all KVM over IP extenders² in the same subnet for fast installation or configuration, username / password authentication and authorization, and the ability to define different types of connections that can be switched and shared. Security features AES encryption support for secured data transmissions, and RADIUS, LDAP, AD or remote user authentication methods provide an added layer of connection security. Moreover, with an OSD, RS-232 support, and Auto MDIX, the KE6920 is the most cost-effective and convenient way to get a full digital extension from anywhere on the intranet.

Whether you're monitoring, operating, controlling or extending computer access, the KVM over IP Matrix System is made adaptable, to fit an endless variety of working environments and workstation settings, and provide solutions in traffic management centers, retail surveillance centers, facility situation rooms, command control centers,

utilities process control centers, broadcasting distribution monitoring systems, network operations centers (NOC), and many other industries where matrix extension is required.

In the box:

- 1x KE6920R 2K DVI-D Dual-Link KVM over IP Receiver with Dual SFP
- 1x Power Adapter & Power Cord
- 1x User Instructions

