

4K usb hdmi single display kvm over ip extender



DESCRIPTION

ATEN KE6920 Air Traffic Control Bundle Solution consists of two high performance IP-based transmitters (KE6920T) that connect to two PCs / servers and an IP-based receiver (KE6920R), providing console access from a separate location. The solution builds effortless IP extension that eliminates the distance restrictions of control room management, enabling a faster response to mission-critical data center emergencies. With Primary-Secondary Architecture, the KE6920 Air Traffic Control Bundle Solution enables connection to a primary and a secondary computer that allows instant system failover via hotkey switching without moving around workstations. The deployment of ATEN KE6920 Air Traffic Control Bundle Solution allows access to a computer system from a remote USB console (USB keyboard / mouse and DVI monitor) over the intranet, allowing the computer to be located in a secure and temperature controlled environment, which is also isolated from the user workstation.

KE6920T / KE6920R features one DVI display at each end, providing video resolutions up to 2560 x 2048 @ 50Hz / 2560 x 1600 @ 60Hz as well as flawless and lossless video compression quality with extremely low latency. KE6920T and KE6920R both support connections via the RJ-45 port or the two SFP slots. The transmitter KE6920T and receiver KE6920R working as an IP-based extender can be connected either directly to each other or via a high-speed network, over a copper-based or fiber-based LAN, ensuring 24/7 availability of remote access to servers. To connect via the SFP slots, the extender supports 1 Gbps SFP fiber module* expansions, enabling connections via fiber optic network to extend transmission distances up to 10 km.

Other key highlights of the KE6920 Air Traffic Control Bundle Solution include that the solution features the dedicated LAN port for KE direct connections which can be isolated from the corporate network; it also provides secure data transmission AES 128-bit encryption to secure all data before transmitted over a network and decrypts the data on the receiver. The solution adopts industry standard Transport Layer Security (TLS) protocol. Moreover, the KE6920 Air Traffic Control Bundle Solution features dual power supplies for redundancy, eliminating the need for a power adapter and effectively reducing the power configuration cost. The LAN and power redundancy supports dual power and network connections for system failover, ensuring robust system uptime.

In particular, ATEN KE6920 Air Traffic Control Bundle Solution supports the exceptional 2K x 2K screen resolutions dedicated for radar monitoring in Approach Control Room and Area Control Center specifically in air traffic control scenarios. It allows customizable hotkey settings for instant network port switching without going via CCKM KVM over IP Matrix Manager, within the network of 2x Tx and 1x Rx deployment. These make the KE6920 Air Traffic Control Bundle Solution perfect for the ATC industry.

*The SFP module (2A-136G / 2A-137G) is sold separately. Contact your ATEN dealer for product information.

TECHNICAL CHARACTERISTICS

Brand : ATEN

Part number : KE6920ATC-AX-G

Caractéristiques :

Type : Transmitter & receiver

AC adapter included : Y

Cables included : DVI, AC, USB

Connectivity technology : Wired

Installed SFP+ modules quantity : 4

LED indicators : Y

Manual : Y

Material : Metal

Maximum digital resolution : 2560 x 2048 pixels

Maximum refresh rate : 60 Hz

Mounting bracket(s) included : Y

Operating relative humidity (H-H) : 0 - 95%

Operating temperature (T-T) : 0 - 50 °C

PC Audio in : Y

PC Audio out : Y

Product colour : Black

Receiver depth : 22.8 cm

Receiver height : 5.48 cm

Receiver local keyboard/mouse port type : USB

Receiver local video port type : DVI-D

Receiver weight : 1.27 kg

Receiver width : 17.2 cm

RJ-45 ports quantity : 3

RJ-45 ports quantity (receiver) : 1

RJ-45 ports quantity (transmitter) : 1

RS-232 ports : 3

Storage relative humidity (H-H) : 0 - 95%

Storage temperature (T-T) : -20 - 60 °C

Transmitter height : 4.18 cm

Transmitter local keyboard/mouse port type : USB

Transmitter video port type : DVI-D

Transmitter weight : 1.15 kg

USB data transfer rates : 480 Mbit/s

USB port type : USB Type-A/USB Type-B