FXDAS-2022

Rextron

DVI KVM Extender over 800M Fiber Cable
with USB, Audio, Serial, Local Console (Computer Unit), Local Computer (Console Unit)

▶ Specifications

Model Number	Computer Unit	Console Unit
FXDAS-2022	FXDAS-021P	FXDAS-012S
MAX. Resolution	1920x1200@60Hz (4:4:4)	
Video EXT.	DVI x 1 (In)	DVI x 1 (Out)
USB HID EXT.	USB-B x 1	USB-A x 4
3.5mm Audio EXT.	SPK x 1 (In) MIC x 1 (Out)	SPK x 1 (Out) MIC x 1 (In)
Serial EXT.	DB-9 x 1 (DCE)	DB-9 x 1 (DTE)
Local Access	**Local Console for Computer Unit** DVI x 1 (Out) USB-A x 2 SPK x 1 (Out) MIC x 1 (In) DB-9 x 1 (DTE)	**Local Computer for Console Unit** DVI x 1 (In) USB-B x 1 SPK x 1 (In) MIC x 1 (Out) DB-9 x 1 (DCE)
Access Modes	Local / Remote / Auto	Local / Remote
Fiber Link Port	1.25Gbps Multi-Mode SC Duplex x 1 (Wave Length : 850nm)	
SC Fiber Cable	Duplex OM3 or OM4 (50/125 μm)	
Extension Range	MAX. 800M@1080P / 1500M@1080i	
HDCP Compliance	HDCP 1.4	
LED Indicators	Status x 1, Local x 1, Remote x 1, Serial x 2	
Push Buttons	Switch to the Control Status	
Power Supply	DC 9~12V	
Operation Environment	0~40°C, Humidity<80%	
Storage Temperature	-20~60°C	
Material	Metal	
H x W x D (mm)	44 x 218 x 130	44 x 218 x 130

▶ Features

- Allows Reliable Remote Access of a DVI Computer via Fiber Cable Up to 800M
- DVI Video Supports Most Popular Resolutions Up to 1080P (16:9) / 1920x1200 (16:10)
- HDCP 1.4 Compliance Ensures Uninterrupted Video Playback
- Hotkey / Button Control to Switch among the Access Modes :
  - Remote Access : the Computer Unit Controlled by the Console Unit Exclusively
  - Local Access : the Computer Unit Controlled by the Local Console and the Console Unit Controls the Local Computer Exclusively
  - Auto Sensing : the Control Flow Is Auto Selected Based on Keyboard/Mouse Activity
- KVM-Cascading Application Allows KVM Access at Both the Local Side and the Remote Side
- Hotkey-Masking Function Facilitates KVM-Cascading by Disabling the Hotkey Leading Code of the Extender to Avoid Hotkey Conflicts
- Multi-Mode Duplex SC Fiber Cable Extension System Free from EMI in The Tansmission Path
- Serial / Audio / MIC Extensions Facilitates Industrial Control Purposes

Also Available : DVI-Dual Link Model, FXDDAS-M422

[Computer Unit]

[Console Unit]

▶ Overview

The DVI KVM Extender, FXDAS-2022, allows reliable remote access of a computer or KVM switch via a duplex multi-mode SC fiber up to 800 meters. The remote mode allows the console unit to control the computer unit exclusively. The local mode allows the console unit to control its local computer and the computer unit to be controlled by its local console exclusively. The auto-sensing mode auto select the local console or the console unit to control the computer unit based on keyboard/mouse activity. The Audio / MIC / Serial extensions also facilitates industrial control purposes.

▶ Connection Pattern