

REAL-TIME ACCESS TO 4K VIDEO SIGNALS, AUDIO, USB AND MORE

INSTANTANEOUS HD VIDEO SWITCHING

One way in which Black Box is responding to the trend towards 4K is with the new 4K60 module for the tried-and-tested DKM system that is in widespread use in studios. Thanks to the modular design, only the relevant new card should be installed or added. This allows users to benefit from the latest technology without having to replace whole systems.

The DKM system enables flexible and immediate matrix switching and not only permits problem-free console extension for numerous video formats, but also allows flexible cross point switching— regardless of whether one single user is to switch 575 CPUs or 50 employees are to have access to up to 526 CPUs. This means that the workstation/control room and CPU/server can be at a distance of up to 140 metres from one another (over CATx), or up to 10 kilometres apart if fibre is used. Moreover, redundant network parts that can be replaced during operation ensure high availability, making the system particularly suitable for critical usage scenarios such as live broadcasting.



SCALABLE AND HIGHLY RELIABLE

A scalable, highly reliable peripheral matrix switching and HD video routing system.

4K60 SUPPORT

Boasts digital resolutions up to 4K with 60 fps (DisplayPort).

DESIGNED FOR EASY EXPANSION

Add connections and change inputs/outputs as your enterprise needs evolve.

INSTANTANEOUS VIDEO SWITCHING

Using a non-blocking switch technology, DKM FX processes video signals up to 4K with little or no delay.

CENTRAL MANAGEMENT

All DKM components can be centrally managed and updated with the latest firmware.

INTERFACE CARDS

A variety of interface cards are available (digital/analogue video, USB, audio, serial).

MULTIPLE VIDEO INPUTS

Supports DVI, HDMI, DisplayPort, SDI, VGA, and other analogue standards.

DKM FXC IN A TYPICAL SWITCHED APPLICATION WITH SIGNAL EXTENSION

