NOCS-WL-8x4-1310

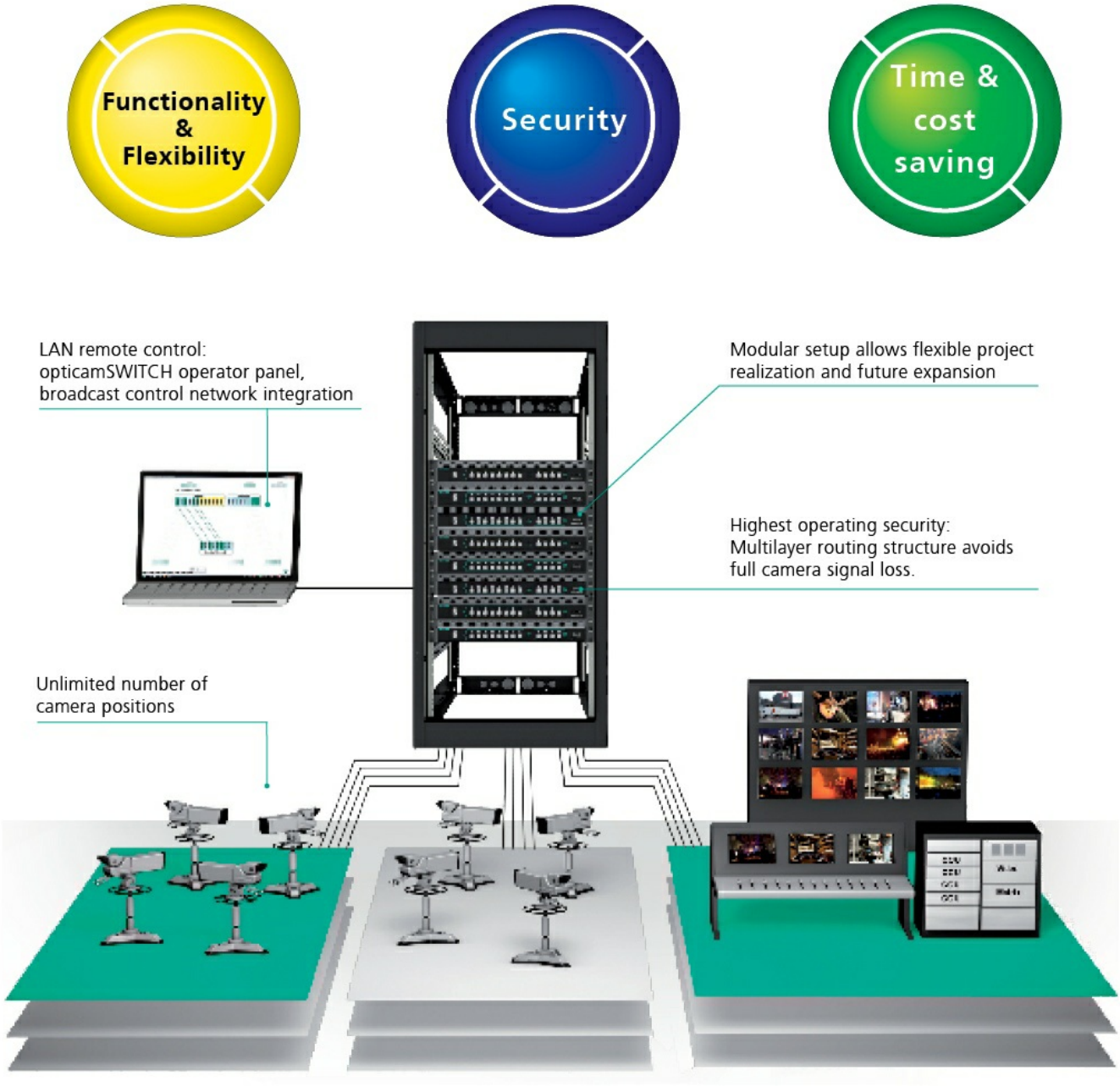
*** DISCONTINUED ***

Camera Switch, 8 x 4 channels, 19" 1.5RU, Wieland terminals

The opticamSWITCH is the ultimate solution for fiber optic camera routing within broadcast studios. The device allows switching of unlimited camera positions between several studios and control rooms, eliminating the need for high-maintenance, risky matrix patch fields using SMPTE patch cables.

The camera switch works on trendsetting, silica-based PLC (planar lightwave circuits) equipped with TO (thermooptic) switches. The innovative and patent pending design guarantees rugged and safe non-blocking fiber plus camera power switching without any moving parts. The LAN-based remote control software simplifies work, shows switching and camera status, and enables broadcast production automation.

Neutrik's application engineers plan and optimize each opticamSWITCH setup together with our customers in consideration of existing equipment and work flow behavior of the broadcast or production studio. The modularity of the system offers highest project flexibility and ease future expansions, moreover it avoids the loss of all camera signals at the same time.



opticamSWITCH Functionality and Flexibility

Modular system

Customizable project setup

Any project setup can be established by combining multiple devices, our application engineers optimize each project based on customer requirements, existing infrastructure and work flow behavior.

Flexible expansion

The modularity of the system offers highest project flexibility and ease future expansions.

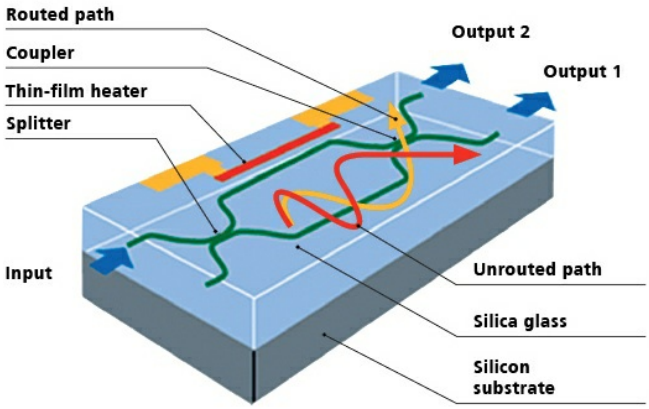
"All-in-one" fiber & copper routing

Camera safety circuit & power supply routing

The opticamSWITCH routes fiber optic camera signals plus camera power. The switching of camera power up to 400Vdc would require costly mechanical relays. The integrated "Power Working Circuit" manages camera routing authority and constantly measures voltage & current from routed CCUs (camera control unit) allowing the use of space and cost effective solid state relays.

Thermo optic PLC based fiber signal routing

Thermo optic PLC (planar lightwave circuit) routing works without moving parts and offers highest security in fiber optic switching. Nanostructures in combination with interlinked splitter / coupler combinations result in a maximum insertion loss of 3dB.



opticamSWITCH Security

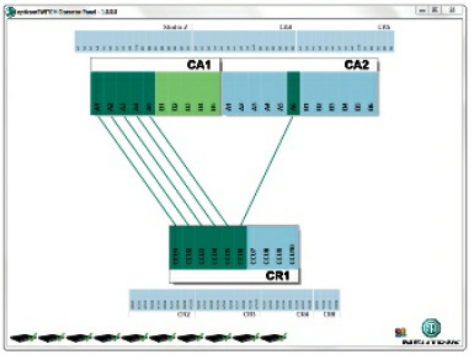
Error-free routing

User-specific operator software

An integrated user management eludes accidental removal of drawn connections.

Hardwired connections; software controlled routing

Software controlled routing avoids patching and connection errors in contrast to traditional patch-field solutions.



Security

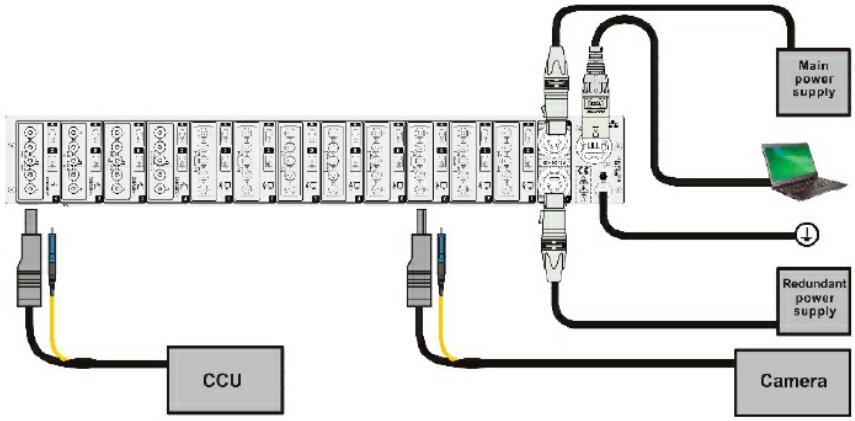
Operation reliability

Multilayer routing eliminates total signal loss

The risk of a total camera signal loss is automatically eliminated by distributing camera signals on independent multiple devices.

Emergency operation

For security reasons the opticamSWITCH can act as a stand-alone unit independent from LAN, offers manual routing and auxiliary power supply.



opticamSWITCH Time and cost saving

Time & cost saving

Maintenance-free

No fiber cleaning required

Hardwired fiber connections eliminate the risk of contamination and frequent maintenance of patch cables and chassis.

Connections hardwired

Wieland / LC – breakout cables enhance the implementation of the opticamSWITCH.

Quick camera routing

Neutrik operator software

The opticamSWITCH operator panel offers intuitive "drag & drop" operation, presets and status information. Acting as webserver the device allows remote access from in-house or external locations.

Integration in broadcast control systems

Route your camera with the push of a button. The opticamSWITCH can be integrated in broadcast control systems as from BFE, DNF Controls, etc.