

NK-3G64 **3G** **HD** **SD**

Scalable 64x64 3G / HD / SD SDI Router

Key Features

- Data rates 143Mb/s to 3Gb/s
- Accepts 3G / HD / SD SDI and DVB-ASI
- Supports SMPTE 259M, 292M, 344M and 424M
- 64x64 expandable to 72x72
- Cable equalizing inputs
- Reclocking outputs
- Excellent performance and specifications
- Low power consumption
- Integrated NK Series Control
- Universal power supply included
- Optional redundant power
- 5-year transferable warranty



NK-3G64

Technical Specifications

NK-3G64	
INPUTS	
Connection	75Ω BNC
Total # of Inputs	64
Return Loss	>15dB 5MHz to 1.5 GHz >10dB 1.5GHz to 3.0GHz
Cable EQ	100m Belden 1694 or equivalent
OUTPUTS	
Connection	75Ω BNC
Total # of Outputs	64
Clocking	automatic reclock at SMPTE 259M, 292M, 344M, 424M & DVB-ASI
Level	800mV p-p ±10%
Return Loss	>15dB 5MHz to 1.5 GHz, >10dB 1.5GHz to 3.0GHz
PERFORMANCE	
Jitter	<0.2 UI additive
Data Rates	143Mb/s to 3Gb/s
Overshoot	<10%
Rise Time	automatic at SMPTE 259M, 259M, 292M, 344M, 424M & DVB-ASI
GENERAL	
Partitioning	up to 8 partitions with independent level assignment
Configuration	basic via web browser or comprehensive via DashBoard Control System via NK-IPS
Dimensions	3RU, depth 12.0cm
Power Consumption	60W
Power Supply	+15 V DC

Specifications subject to change without prior notice.

Ordering Information

NK-3G64 Routers

NK-3G64	64x64 3G / HD / SD SDI Router
NK-3G64(32)	32x32 3G / HD / SD SDI Router

NK-3G64 Router Components

NK-3G64-FRM	64x64 3G / HD / SD SDI Router Frame
NK-I3G64	8 Channel 3G / HD / SD Input Card
NK-O3G64	8 Channel 3G / HD / SD Output Card
NK-P3	Spare, Non-Redundant 100W, +15V Power Supply

NK-3G64 Rack Mount Redundant Power

NK-RP1/P	Rack Mount, 1RU, 100W, +15V Redundant Power Supply*
NK-D12/P	NK-RP1/P Power Supply Cable for NK-3G64

*For more information on the rack mount power supply system, please see page 216