

Order Code: 100015711

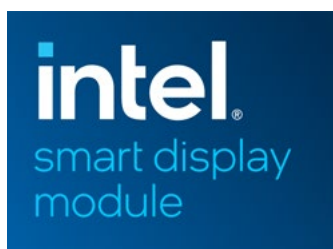
12G SDI Interface Board based on Intel® Smart Display Module (Intel® SDM)

Transmission of uncompressed, unencrypted digital video signals in UHD resolution

The 12G SDI Interface Board can be fully integrated into any NEC display that support the Intel SDM slot, e.g. M Series or MA Series and creates a clean and modular solution.

That solution can be used in e.g. broadcast studios or any application that requires transmission of uncompressed und unencrypted video signals

This module is backwards compatible with also 6G/3G/HD-SDI video signals and can even daisychain video signals in large canvas installations.



Benefits

- **Upgrade to latest professional video transmission** - 12G SDI is the latest technical standard of the Serial Digital Interface (SDI) and backwards compatible with HD-SDI, 3G and 6G versions.
- **Latency free** - transmit video signals, e.g. video cameras with no delay from the camera to the display; in combination with NEC MA Series „low latency“ mode the perfect combination.
- **Seamless and fully embedded** - The Intel® SDM form factor provides a compact and fully embedded solution ensuring that all connectors are integrated including Power, Video & Audio Signals.
- **100% compatibility and enhanced feature-set** - in combination with supported NEC large format displays.
- **High reliability** - Ideally suited for 24/7 operation due to the use of industrial grade components.

Technical Specifications

ORDER CODES	
SDM-12G SDI Interface Board	100015711
CONNECTIVITY	
Interfaces Frontside	1x BNC for SDI IN; 1x BNC for SDI loop-out
Interfaces backside	Internal Intel® SDM PCIe x8 interface
DIGITAL SIGNAL SPECIFICATION	
Supported Resolution	12G: up to 2160p@60Hz 3G: up to 1080p@60Hz 1.5G: up to 1080p@30Hz
ELECTRICAL	
Maximum Cable Length	12G: 70m; 3G: 190m; 1.5G: 260m
Power Consumption max. [W]	9.5W
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	0-40
MECHANICAL	
Net Weight (kg)	0.230
Gross Weight (kg)	0.270
Size / Gross Dimensions (m)	0.29 x 0.21 x 0.07
ADDITIONAL FEATURES	
Compatibility	All NEC Large Format Displays accepting Intel® Smart Display Module Small & Large
Warranty	3 Years warranty, additional services available
AVAILABLE OPTIONS	
External Adapter	100015613 SDM Standalone Adapter
For additional pictures and Solutions overview, visit www.sharpnecdisplays.eu for details.	

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