IDS SQuid

Resilient, versatile GPIO expansion for your IDS network

IDS SQuid V3
GPIO/LTC Interface
IDS 0128
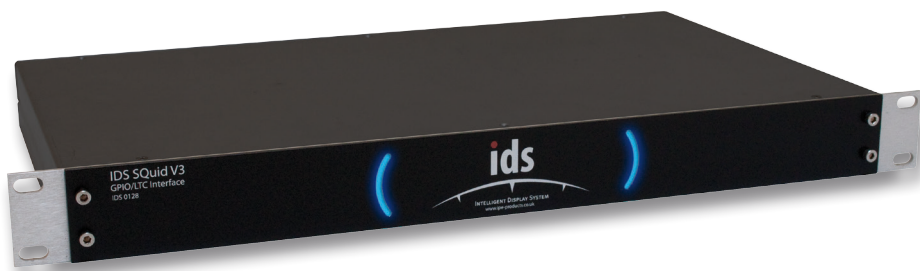
IDS SQuid is a 19" (1RU) unit that provides versatile I/O expansion options. It has 32 opto-isolated inputs and 32 isolated relay outputs which can be configured individually using IDS Core. It comes with dual-redundant hot-plug PSUs, Ethernet and LTC/Alarm connections and provides the perfect resilient link between your IDS system and the outside world.

Management of the unit is straightforward, using the Windows® based configuration software supplied. It supports DHCP for automatic acquisition of IP address, but can be configured manually for a static IP if required.

Applications

IDS SQuid provides easy expansion of I/O over your IDS network. It can also be used as an NTP server to the network when supplied with a balanced SMPTE time code input. Multiple units can add NTP redundancy. Combine it with an IDS Touchscreen for additional remote connectivity, control and monitoring.

Any number of units can be installed on your system.

What is IDS?

IDS is an extendable, network-based control and display system designed specifically for the broadcast industry.

Consisting of dedicated software and hardware devices that use a standard TCP/IP backbone, IDS can be scaled to suit any installation, delivering anything from simple timing and tally information to complex station-wide control functionality via networked displays and intuitive touchscreens.

It integrates with essential broadcast equipment, interfaces with third party control, automation and playout systems, controls cameras, DMX lighting, mixers and many other common devices; while its intuitive software enables simple user configuration and workflow changes.

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Key features

- 19" rack mountable
- Windows® configuration utility
- Assignable network configuration
- 10/100 RJ45 Ethernet
- Very low power consumption
- Rugged construction
- CE marked for sale in EU
- 1 year warranty

Key benefits

- GPIO connectivity, control and monitoring anywhere over your IDS network
- 32 opto-isolated inputs
- 32 isolated relay closures
- Dual hot-swap redundant PSU's
- Can act as an NTP server when supplied with a balanced SMPTE time code
- Self monitoring

Technical specifications

Construction: *1.8mm Aluminium*
Dimensions: *H 44 x D 305 x W 483 mm*
Weight: *2kg*
Connectors: *2 x 240 V AC power, Ethernet, time code/alarms, GPI/O*
Communications: *Ethernet 100 baseT*
Power supply: *110 – 240V AC*
Power consumption: *8W typical*
Operating temperature: *0˚C to ⁺50˚C*
Approvals: *CE*

PRODUCT CODE: IDS-SQ3