

## System Manager - SM-200

### GIS System Manager Series

The System Manager (SM-200) is a comprehensive management device, providing industrial print system timing control using the latest generation GIS Ethernet network interface. Industry standard Product Detect / PrintGo and Encoder signals are supported. A dedicated strobe output is provided to enable drop watching.

The SM-200 is designed to work with GIS Head Manager Boards (HMBs).

### Features and Benefits

- Drop placement control via industry standard Encoder and Product Detect / PrintGo support
- Comprehensive management device offering advanced print control - just one SM-200 required per print system
- Small footprint, easily mountable, cased



### Specification

#### Software Interface

- RESTful software interface over ethernet, including support for 3rd party integrators

#### Configuration

- Encoder / Product Detect / PrintGo type
- Print modes
- Network with DHCP server capability
- Upgradable embedded software

#### Monitoring

- Diagnostics
- Position
- Speed
- System health
- System errors
- Usage statistics

#### Cabling

- Standard Cat 5e or better cabling - up to 100m
- SM - HMB cabling - POF, up to 200m

#### Physical Features

- H45mm x W120mm x L140mm
- Weight - 400g
- DIN mounting bracket support
- GIS SoM based controller
- Aluminium case construction
- 0°C to 55°C operating conditions

#### I/O Connectors - Inputs

- RS422, TTL Encoder input (RS422 up to 5MHz)
- RS422, PNP, TTL & NPN Product Detect / PrintGo input
- 12V - 48V power supply
- 1 x 1Gb Ethernet

#### I/O Connectors - Outputs

- 5V@500mA / 12V@150mA power supply (Encoders / Product Detect / PrintGo devices)
- Plastic Optical Fibre (POF) HMB messaging