LS6000 Series

A New Generation of Kitchen Display System Modules

- IP addressable module, Ethernet topology

- Compact 1.0"h x 6.3"w x 5.1"d form factor

- Highly reliable and rugged, fanless operation

- Low cost, no operating system (OS) required

- Powerful self-diagnostics

- Optional color build-card display function

- I/O ports to drive bump bar, serial printer, VGA monitor or touch screen monitor.

- Optional internal Compact Flash (CF) for graphic image and program storage

- High security, immune to malicious software

- Simple to install, maintain and upgrade

- Remote download of graphic images, firmware, and code page fonts

Reliable and Rugged

The LS6000 module is an enhanced version of the time proven classic Logic Net. It is designed to meet the most demanding requirements of today's kitchen video display systems. Logic Controls Logic Net solution has been widely regarded as the most reliable KDS hardware solution on the market for the past decade. It has been deployed by some of the largest restaurant chains in the world as well as thousands of small local restaurants. This is one of the reasons why the Logic Net solution is supported by over 20 POS software partners. The LS6000 module uses no internal cables, hard disk drives, fans, or mechanical moving parts that can easily fail. The enclosure is a heavy-duty die cast case for extra ruggedness. Every module uses snap-to-lock connectors for secure connections. The LS6000 module consumes less than 1.5 watts of power, ideal for reliable operation in the hot kitchen environment. In addition, the module is tamper proof, without on/off or selection switches and no adjustable devices.
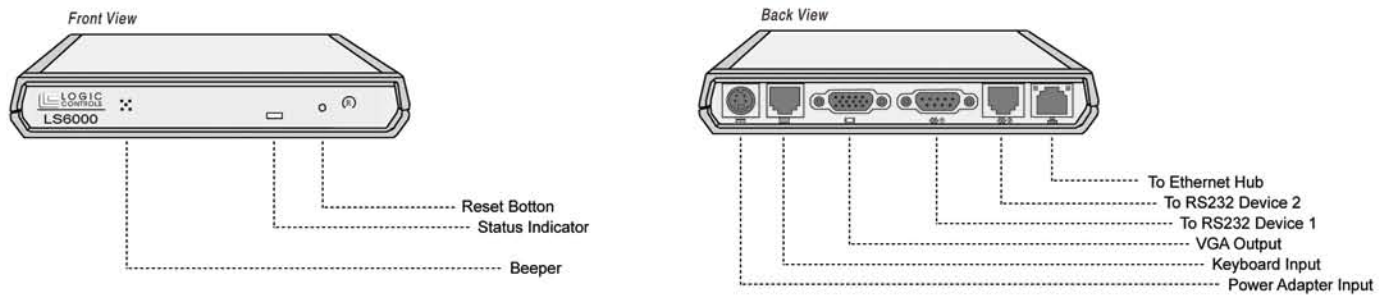
Cost Effective

The LS6000 module can replace costly and ill-suited PC workstations with network software. To add more stations, simply add more LS6000 modules. No special interface cards or additional hardware is required for the LS6000 module to communicate with peripheral devices. In addition, upgrading LS6000 for enhanced functionality is easy with remote downloadable firmware. and character fonts.
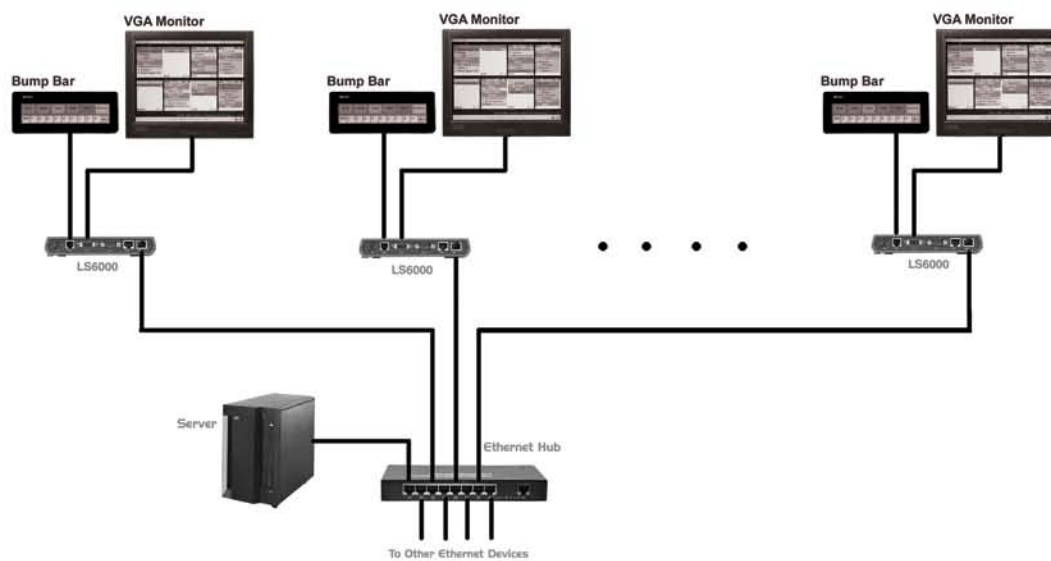
Compact and Ethernet-based

The LS6000 module has a very compact form factor – only 1.0"h x 6.3"w x 5.1"d. Two mounting tabs enable these modules to be mounted almost anywhere – on a display monitor arm, wall, ceiling or under a counter. The LS6000 module also uses standard Ethernet connection to a system hub to communicate with the server or workstation running the kitchen production management software.

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Connector Assignment

Front View

LS6000

Reset Botton
Status Indicator
Beeper

Back View

To Ethernet Hub
To RS232 Device 2
To RS232 Device 1
VGA Output
Keyboard Input
Power Adapter Input

Logic eNet Topology

VGA Monitor
Bump Bar
LS6000

VGA Monitor
Bump Bar
LS6000

VGA Monitor
Bump Bar
LS6000

Server

Ethernet Hub

To Other Ethernet Devices

MECHANICAL	
Weight	2.25lbs
Dimension (in Inches)	6.3W x 1.0H x 5.1D

ELECTRICAL (Power Adapter)	
Input voltage	100 to 240VAC
Input frequency	47 to 63 Hz
Input current	<1000mA @ 120VAC
Output voltage	+5VDC
Output current	1A
Ripple voltage	< 100mVp-p

ENVIRONMENT	
Operating temperature	5ºC to 40ºC
Storage temperature	0ºC to 60ºC
Relative humidity	5 to 80%, non-condensing

INTERFACE

- Ethernet 10BaseT
- VGA
- Bump Bar or PC Keyboard
- Serial Port:
  - Baud Rate: 2400, 4800, 9600, 19200
  - Parity: None
  - Data Bits: 8

CABLES

General: Connectors are latched/ with strain relief

Ethernet: 8 pin modular RJ45 male

RS232: Standard DB9 female

VGA: Standard high density DB15 male

Keyboard: 6 pin modular RJ11 male

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