

82" Outdoor LCD GS8200L



SuntronicLCD's All-Weather/Outdoor Full Sun environment Sunlight Readable LCD monitors allow you to view the display under the full sunlight. These affordable solutions are ready to deploy to any indoor and outdoor digital signage application for retails stores, restaurants, gas stations and many more...

We produce the largest and brightest Sunlight Readable LCD Monitor in sizes from 32" to 82"

Features Highlight:

- High-Brightness LCD Panel
- All Weather Proof IP65 Enclosures
- Operating Temperature -40C To 50C*
- Integrated heater and air conditioner
- Vandal Resistant Screen & housing
- Unique Front Access Design
- Remote Reboot/Temp.& Humidity Monitoring available (Optional)
- Wireless and VGA/DVI CAT5 signal extenders available (Optional)

Specifications:

Display size (Diagonal)	81.5683 inch
Brightness	1500nits (Typ)
Active area	1015.74 (H) x 1805.76 (V)
Pixel Format	1080 (H) x 1920 (V) (1pixel = R + G + B dot)
Pixel pitch	0.9405(H) x 0.9405 (V)
Viewing angle	89/89/89/89
Pixel configuration	R, G, B horizontal stripe
Display mode	Normally black
Unit Outline Dimensions	1094 (W) x 1879 (H) x 81.9 (D)
Mass	64.5±1.0
Surface treatment	Anti glare, low reflection coating Hard coating: 2H
IP Class	IP65/NEMA4
Video inputs	VGA, S-Video
Input voltage	110V
Operating temperature range	-40 to + 95F (Direct Sunlight) /110F (Under Shaded Area)
Front glass type	AR Safety 6mm glass (Landscape mode)
Unit overall Dimensions	2104mm(W) x 1441.5mm(H)x 406.5mm(D)
Portrait version	Please contact SuntronicLCD for details

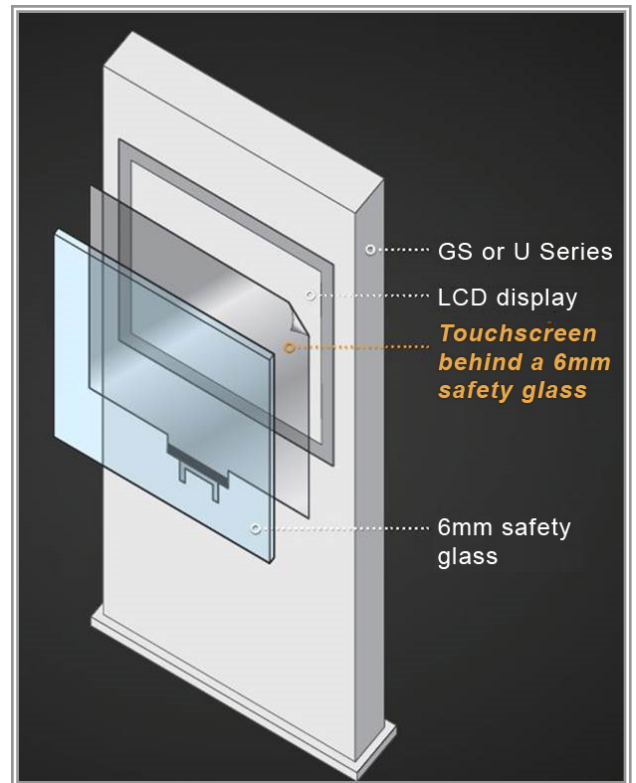
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**Remarks: L for Landscape and P for portrait

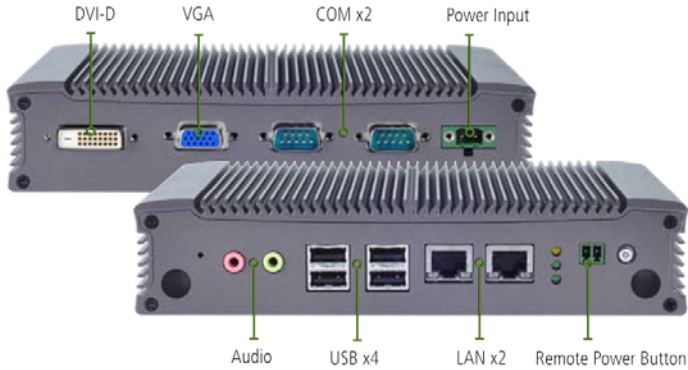
GS and U Series Touch screen Options

Laminate the touch foil behind a safety glass the glass and integrate into our GS or U Series.

Fitting behind the glass to create a vandal and weather proof touch solution. Ideal for outside enclosures.



LPC7050WT (Optional)



Cable-free interior

The interior of this product contains no wires, making this industrial product as rugged as possible.

Multiple display ports

This platform comes with multiple video-out ports to allow easy integration with any signage setup.

Integrated SIM card reader

Integrated in a mini-PCIe slot, the SIM card readers allow for users to enable 3G use for their IPC.

Intel® Atom™ N2800

Dual core Cedar Trail Intel Atom CPUs feature the 1.8 GHz N2800 which uses 6.5 Watts.

Fanless

This IPCs lifespan has been extended by removing the most easily damaged component, the fan.

Extreme operating temperature

This product is ruggedized to support a wider than usual range of temperatures. Outfitted with industrial components (HDD/SSD, CF, Memory) this appliance can thrive in harsh conditions.

Dust proof design

Solid chassis design with a fanless interior allows for this product to be completely dustproof when installed correctly, insuring longevity of the product.

Screw-locked power plug

This power plug is made to screw directly into the appliance chassis, allowing secure power connection in even the harshest of settings.

LED indicators

LED indicators makes it easy to check working status.

Dimensions (WxHxD)		198x42x145mm (7.80" x1.65" x5.71")
Processor		Intel Atom N2800
Chipset		Intel NM10
System Memory	Technology	DDR3 SODIMM x1
	Max. Capacity	Up to 4GB
Storage	IDE	CF socket Type I/II x1
	SATA	2.5" SSD/HDD drive bay x1
Ethernet Controller		Intel 82574 x1; Intel 82583V x1
Graphic Controller		Intel Integrated Graphics Media Accelerator 3650
Audio Controller		RTL ALC886 x1
I/O	LAN	GbE RJ45 x2
	Display	DB15 x1 for VGA (1920x1200) DVI-D x1 (1920x1200)
	Video Grabber	N/A
	Audio	Phone Jack x2 for Mic-in and Line-Out
	Serial I/O	DB9 x2 supports RS232/422/485
	GPS	N/A
	USB 2.0	Type A x4
	Power Input	2-pin terminal block
	Expansion	Mini-PCIe x2 (one with SIM card reader)
	Others	External: Power-On Button, SMA Antenna Hole Internal: Reset
Power Input		+24Vdc +/-5% ATX Mode
AC Adapter		60W +24V @ 2.5A
Hardware Monitor		Fintek F81865F Integrated Watchdog Timer 1-255 level
OS Support		Linux XPE, XP Pro FES, WS7E, WS7P, Win 7 Pro FES
Certifications		CE, FCC Class A
Compliance		N/A
Operating Temp. Range	w/ Industrial Components	-20~55°C / -4~131°F
	w/ Commercial Components	-5~45°C / 23~113°F



OUTDOOR ANTENNA (TRAB24003P)

WHITE OR BLACK: Our UHF and 800/900 MHz Phantoms are now available in either white or black ABS plastic. ABS plastic is highly shock resistant. Both can be painted to the color of your application by using a nonmetallic paint.

WHIPLESS DESIGN: The revolutionary patent pending whipless design of our Phantom™ antenna allows car washes without removing the antenna. Whipless means they don't look like antennas, attract less attention, less vandalism, and have lower wind resistance. Phantom. s™ are also less susceptible to be broken by trees and garages.

FIELD DIVERSITY: Field diversity means that the antenna is simultaneously sensitive to both the electric and magnetic fields of the signal, like having two antennas. Field diversity makes the antenna resistant to the picket-fence fading that is always found in urban operation.

MEAN-EFFECTIVE-GAIN: The radiation pattern of our Phantom™ antennas are specially tailored to aim the signals in the right direction for mobile operation by utilizing a low radiation angle and a broad beamwidth. When used in mobile operation, in urban or suburban areas, our phantom antennas have been proven to outperform any gain antenna.

PERMANENT MOUNTING: Permanent mount versions of the UHF and higher frequency models are available for those high risk applications such as metering where antennas must resist vandalism and achieve economical mounting.

TRAB24003P

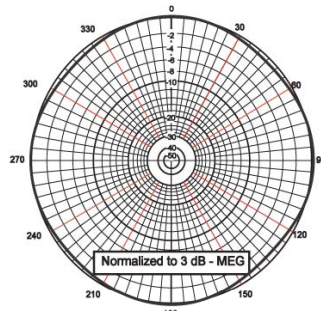
800/900 MHz 3 dB-MEG BLACK MODELS

Frequency Range = 2400-2500 MHz
 Radome height = 2.30"
 Gain = 3 dB-MEG*

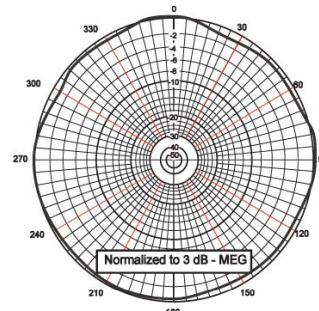


	VHF	220 MHz
Gain:	Unity	Unity
Frequency Range:	144-150 MHz 150-156 MHz 156-162 MHz	220-230 MHz
VSWR:	<1.5:1 850 kHz <2.0:1 1.5 MHz	<1.5:1 2.2 MHz <2.0:1 4.0 MHz
Maximum Power:	100 watts	100 watts
Bandwidth:	1.5 MHz	4 MHz
Impedance:	50 ohms	50 ohms
Height:	3½"	2½"

Horizontal Field Patterns

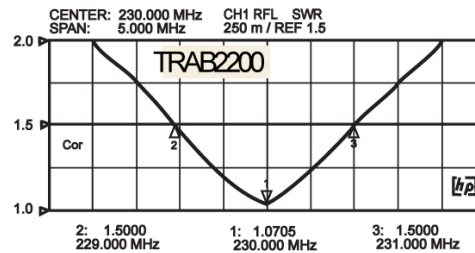
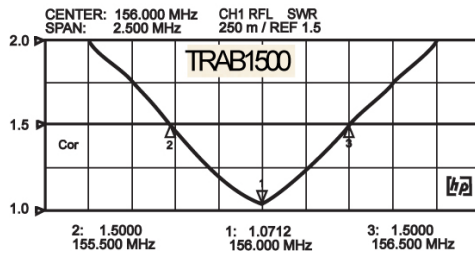


TRAB1500



TRAB2200

VSWR

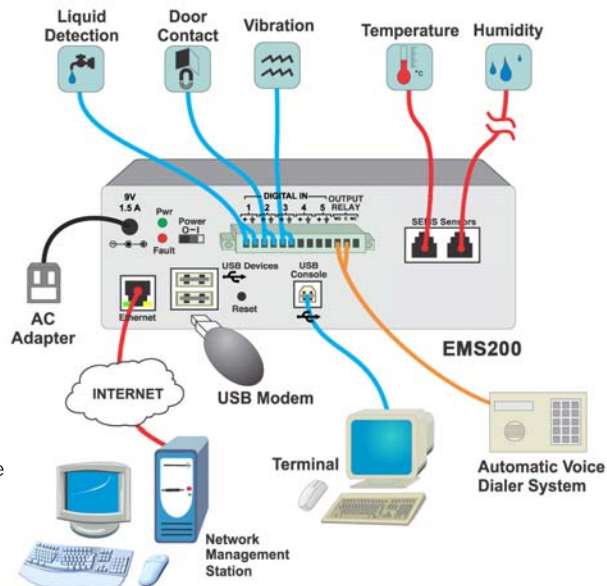


EMS200 (Optional)

Configuration and Cable Illustration



Mini Server Environment Monitoring System monitors critical environmental conditions (such as temperature, humidity, and water leakage) that could destroy network components in your server room. When a sensor goes out of range of a configurable threshold, the system will notify you via email, SNMP traps, web-page alerts, a visual indicator (red LED), voice phone calls (via Automatic Voice Dialer System), and SMS messages (via USB 3G modem). The system supports two temperature/humidity sensors, five digital input sensors, and one output relay.



SPECIFICATIONS:

Sensor Ports	2 RJ45 jacks
Digital Inputs	5 screw terminal pairs
Output Relay	1 screw terminal pair; normally open / normally closed connection points
USB Console Port	One female USB Type B connector for terminal access
Ethernet Port	One 10/100 Base-T Ethernet port with RJ45 jack
USB Ports	2 female USB Type A connectors for connecting USB modem or for downloading log data to USB flash drive
Alerts	6 methods
Email	Authenticates
Web Page	Y
SNMP network management	Y
Front Panel LEDs	LEDs for sensors and power
Voice Phone Calls	Via Automatic Voice Dialer System (not included)
SMS Messages	Via external USB 3G modem (not included)
Smart Alerts	<ul style="list-style-type: none"> Up to 50 sensor conditions (events) can be configured to trigger alerts by themselves Up to 20 Smart Alerts can be configured to use different event combinations to send alert messages
Control Methods	4 methods
Web Interface	HTTP/HTTPS Supports up to 16 user accounts
Telnet	Y Two user levels: user and administrator
Network Operation (SNMP)	V1/V2c/V3
USB Serial Interface	Y Two user levels: user and administrator
Monitor (Ping) IP Devices	Up to 16 devices
Protocols	HTTP/HTTPS, SNMP V1/V2c/V3, SMTP, TCP/IP, Syslog, SNTP, DHCP, SSHv2, SSLv3, LDAPv3, AES 256-bit, 3DES, Blowfish, RSA, EDH-RSA, Arcfour, IPV6, WAP 2.0
Flash Upgradeable	Y
Operating Temperature	<ul style="list-style-type: none"> EMS200: 32°F to 104°F (0°C to 40°C). EMS200-IND: 32°F to 167°F (0°C to 75°C).
Storage Temperature	-20°F to 176°F (-20°C to 80°C).
Operating & Storage Relative	17 to 90% non-condensing RH
Power	<ul style="list-style-type: none"> 110 or 220 VAC at 50 or 60 Hz via AC adapter Optional backup battery - provides backup power for two hours
Dimensions WxDxH (in)	5.67x2.10x2.10
Mounting	Zero-RU Optional DIN rail mounting
Regulatory Approvals	CE, RoHS
Warranty	2 years

