



Industrial LCD Monitor - Open Frame

LE-WU42500 Series



Features:

- 42.0" TFT LCD supports 1920 x 1080 resolutions
- Ultra wide viewing angle: 88 (H & V)
- Ultra High contrast ratio (1,200 : 1)
- High performance Genesis LCD controller
- Luminance 500 nits
- Standard RGB signal input interface
- Optional support for DVI & Video interface

Specifications:

Signal Input Interface

RGB
DVI (Optional)
RCA_Jack, S_Video (Optional)
YCbCr (Optional)

OSD Control

Auto-detection & Auto-adjustment
Horizontal & Vertical position adjustment
Brightness / Contrast / Hue / Saturation adjustment
Auto color setup and adjustment

Resolution & Display Color

Display Color: 16.7M colors
WUXGA 1920 x 1080 @ 60HZ, 70HZ, 75HZ
UXGA 1600 x 1200 @ 60HZ, 70HZ, 75HZ
SXGA 1280 x 1024 @ 60HZ, 70HZ, 75HZ
XGA 1024 x 768 @ 60HZ, 70HZ, 75HZ
SVGA 800 x 600 @ 60HZ, 70HZ, 75HZ
VGA 640 x 480 @ 60HZ,70HZ,75HZ

Mechanical Characteristic

Dimension (L x W x H): TBD
Weight: TBD
Color: Zinc coating

Power

AC Input Voltage: 90VAC to 264VAC
AC Input Frequency: 50/60 HZ
Power Consumption: 202W

Architecture

SECC steel (Optional for aluminum)
Standard VESA mounting holes (75 / 100mm)
Four versatile mounting brackets

Panel Specifications

Item	Specification	Unit	
1	Diagonal Size	42.02	inch
2	Active Area	930.240(H) x 523.260(V)	mm
3	Bezel Opening Area	938.3(H) x 531.3(V)	mm
4	Driver Element	a-si TFT active matrix	-
5	Pixel Number	1920 x R.G.B. x 1080	pixel
6	Pixel Pitch	0.1615(H) x 0.4845(V)	mm
7	Display Color	16.7M	color
8	Center Luminance of White	500	nit
9	Contrast Ratio	1,200	-
10	Response Time	6.5	ms
11	Viewing Angle	88 (H & V)	degree
12	Backlight MTBF	50,000	hour
13	Panel Type	TFT Active	-
14	Storage Temperature	-20 ~ 60	°C
15	Operation Temperature	0 ~ 50	°C

Ordering Information:

Model Number	Type	Brightness (nit)	Interface	Touch Screen	Touch Interface
LE-WU42500	Open frame	500	RGB	N/A	N/A
LE-WU42520	Open frame	500	RGB, DVI	N/A	N/A
LE-WU42550	Open frame	500	RGB, DVI, Composite, S_Video	N/A	N/A