

## LCD Series

MLI42FN02-WC01-R  
MLI55FN02-WN01-R  
MLI65FN02-WN01-R



# Multi Touch LCD

nLighten multi touch LCD series are designed for the human-machine interactive solutions of various large sizes of LCD display. This solution can convert normal LCD television sets to a new type of touch LCD equipment provided with computer functions. The simple and convenient human-machine interactions can be achieved through touch screen with fingers or pen-like objects. The built-in computer with excellent performance can run various touch software to introduce the contents, such as images, texts, and videos, to the users with dialogue mode in extremely attractive ways; meanwhile, the users are provided with a brand new interactive experiences.

### Integrated Design

- Integrated LCD, infra-red touch-control frame, and high-performance computer to realize the integration of displayer, multi touch, and computer
- streamline body, hair-line aluminum alloy material, supporting pedestal type and wall-mount type
- able to be combined with industrial designs to realize the different displaying ways, such as bevel, vertical, desktop, and so on
- options with sizes, such as 42", 55", 65"

### Multi touch function

- IR sensing technology, supporting various options for touch, such as 2 points, 4 points, 6 points, even 10 points above
- No extra driver is required. It can be plug and play
- high accuracy of touch, sensitive reactions, stable performance, able to identify various commands in gestures, such as writing, dragging, zooming, rotating, and so on.

### Tempered protection glass

- Covered with 4mm tempered glass, effectively protecting LCD screen that would not be scratched by finger nails, hard objects, and so on.
- Features, anti-reflection and anti-corrosion, would not affect the effects of display and touch-control at all.

### Drawer Type Cabin Design

- Drawer Type Cabin is located at the bottom of the machine. It is locked during normal operation. The cabin can be conveniently and easily unlocked by key for maintenance and upgrade the hardware.

### Abundant customized multi touch software

- one-touch restore, quickly recovering the original touch position
- Various powerful multi touch interactive software with sophisticated interfaces can be developed in accordance with the requirements from clients.



Maximum 6 points



Easy maintenance with drawer type cabin design



Upgrade hardware fast and easy

## Product Application



Interactive education



Interactive advertisement



Exhibition



Public information display

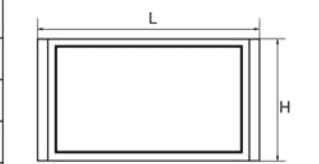
# Specification

### Screen Parameter

Display Size	42"	55"	65"	65"(LED)	65"(LEDw/drawer)
Contrast	4000: 1	5000: 1	5000: 1	5000: 1	5000: 1
Dimension( L x H x D/mm)	1138 x 633 x 87	1465x 802 x 131	1698 x 932 x 133	1672 x 926 x 89	1672 x 926 x 104
Weight	35Kg	70Kg	81Kg	---	---
Aspect ratio	16:9				
Reaction Time	6.5ms				
Resolution	Full HD 1080P (1920x1080)				

### Touch technology

Detect method	IR Optical technology
Computer port	Mini USB / Standard-A USB
Touch object	Finger touch or pen shape object(Diameter>5mm)
Accuracy	2.0mm
No. of Touch points	2 \ 4 \ 6 \ 10
Reponse Time	<25ms
Touch panel	4.0mm Tempered glass
Touch Driver	No need to install
OS	Microsoft Windows® 7



### External Computer (Option)

CPU	Intel i3 21XX series
Memory	4GB DDR3
HDD	500G HDD or above
Graphic Chipset	Embedded · Graphics Media Accelerator HD2000
OS	Microsoft Windows 7

### Other

I/O Connection	Video Board : DCx1; VGAx1; AVx2; S-Videox1; YPbPrx1; VGA Audiox1;
	Headsetx1; TV inx1; USBx1; AV Outx3; Y/Pb/Pr Signalx1;
	Computer : VGAx1; USBx6; SPDIFx1; Lanx1; Headsetx1; Micx1; DVI*1 PS/2*1
Power Requirement	100 ~ 240V, 50/60 Hz
Lifetime	> 60,000 Hrs
Accessories	Warranty card, manual, remote control, batteries, power cord, CDx2

### Environment

Operation Temperature	0°C to +40°C
Storage Temperature	-10°C to +50°C
Operation Humidity	10%-90% RH
Storage Humidity	10%-90% RH

\* nLighten reserves the right to update above information without prior notice