



Zenty | Professional A/V Solution Provider

User Manual [v1.0]



55" LCD Screen

ZT-134 | ZT-DS55-35-500

ZENTY®

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1. Features

- Support online software upgrade by USB
- Embedded software for enlarging more LCD video wall units to one-big LCD screen display or multi-screen display by remote control and RS232
- Support logo start up online
- Interfaces: USB/HDMI/DVI/RS232
- Panel type: Manufacturer original
- Double bezel seam: 3.5mm
- Resolution: 1920x1080
- Brightness: 500cd/m²(typ.)
- Enlarge LCD video walls by HDMI matrix or video wall processor is optional

2. Specifications

Specifications	Model No.	ZT-DS55-35-500
Panel	LCD Size	54.64
	Panel Type	LD550DUN-TKB2
	Panel Check Standard	A
	Light Source	LED back-light
	Resolution	1920 x 1080
	Brightness	500 (TBD) cd/m ² (Center 1point, Typ.)
	Contrast Ratio	1400:1 (typ.)
	Pixel Pitch	0.63mm x 0.63mm
	Frame Rate	60Hz
	Viewing Angle	178° (H) / 178° (V)
	Life	50,000 hrs. (min.)
	Color Saturability	72%
	Display Area	1029.6mm (H) x 680.4 mm (V)
	Color Degree	1.06B
Power	Power	100 ~ 240V, 50 ~ 60Hz
	Max. Power Consumption	<220W

	Stand-by Power	<0.5W
Environment	Working Temperature	0°C ~ 40°C
	Storage Temperature	-20°C ~ 60°C
	Working Humidity	10% ~ 90% RH (Non-condensing)
	Storage Humidity	20% ~ 85% RH (Non-condensing)
	Display Mode	Standard, Soft, User, Vivid
	Working Hours	24 Hours
In Interface	USB Interface	1
	HDMI Interface	1
	DVI Interface	1
Control	RS232	RS232 In x 1; RS232 Out x 2
Structure	Net Weight	21.5 ±1kg
	Gross Weight	49 ±1kg (two in one)
	Bare Dimensions	1213.4 x 684.2 x 88.1 mm
	Package Size	1285 x 315 x 760mm (2pcs pack / carton)
	Shell Material	Metal case
	Shell Color	Black
	Bezel Seam	3.5mm
Language	OSD	English / Chinese

3. Product Details



Interfaces:

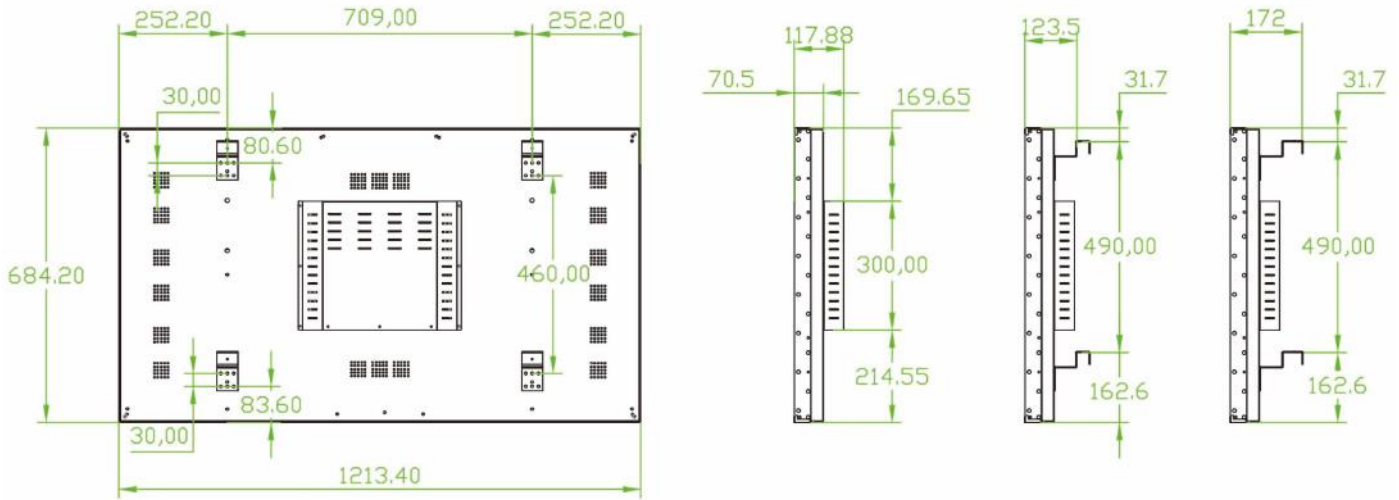
A. Standard Version:



B. HDMI Loop Version



Dimensions: mm



4. Accessories

Pot Hook



Metal Handrail



RS232 Cable



CK-Link CAT 5E



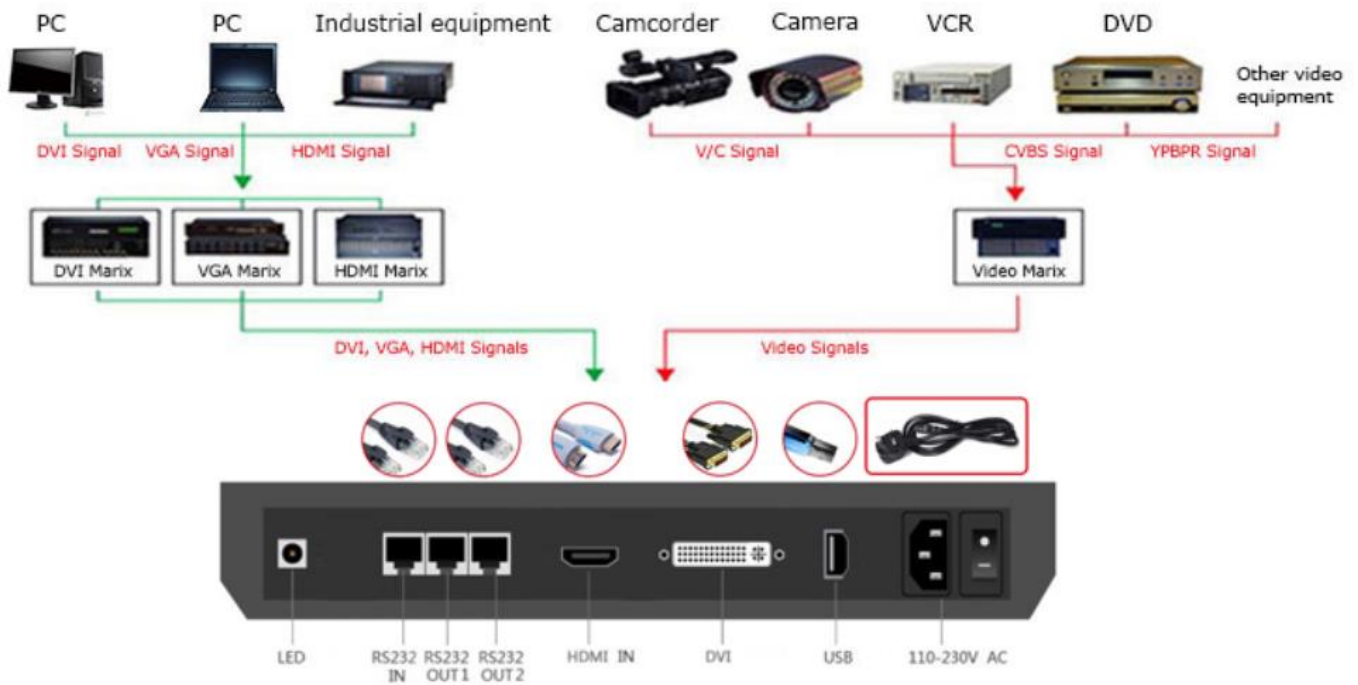
Power Cord



Remote Control

Specifications	Type	Parameters
Accessories	Pot Hook	4
	Metal Handrail	2
	RS232 Cable	1
	RJ45 to RS232 Transfer	1
	CK-LINK CAT 5E LAN Cable	1
	Power Cord	1
	Remote Control	1

5. Connection Diagram





6. Bracket (Option)

A. Aluminum wall mount type, fixed



B. Push & Pull pop-up Type



7. HDMI Matrix (Option)

HDMI Matrix (Option)

8*8 HDMI Matrix
(8CH HDMI IN, 8CH HDMI OUT)



Move picture

The cell can be pulled up to the full screen picture, Each unit can display the picture independently



Matrix

8. Video Wall Processor (Option)

8*24 Video Wall Processor



Image roaming

Arbitrary movement of a single signal



Processor

9. Case Study

- 2x2 LCD Video Wall Size for reference only:



- 2x3 LCD Video Wall Size for reference only:



10. Maintenance

Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner, or benzene to clean.

11. Warranty

If your product does not work properly because of a defect in materials or workmanship, our company (referred to as “the warrantor”) will, for the length of the period indicated as below, “Parts and Labor (1) Year”, which starts with the date of original purchase (“Limited Warranty period”), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.

During the “Labor” limited warranty period, there will be no charge for labor. During the “Parts” warranty period, there will be no charge for parts. You must mail-in your product during the warranty period. This Limited Warranty is extended only to the original purchaser and only covers products purchased as new. A purchase receipt or other proof of original purchase date is required for Limited Warranty service.

12. Mail-In Service

When shipping the unit, carefully pack and send it prepaid, adequately insured, and preferably in the original carton. Include a letter detailing the complaint and provide a day time phone and/or email address where you can be reached.

13. Limited Warranty Limits and Exclusions

This Limited Warranty ONLY COVERS failures due to defects in material or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The Limited Warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, mis-adjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or service by anyone other than a Factory Service center or other Authorized Servicer, or damage that is attributed to acts of God.

THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER “LIMITED WARRANTY COVERAGE”. THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the service, loss of or damage to media or images, data or other recorded content. The items listed are not exclusive, but are for illustration only.) PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY.



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