Zero Client TERA2 (V series)



HIGH PERFORMANCE VIRTUAL COMPUTING

LG's 20CAV37K-B, 23CAV42K-BL, 24CAV37K-B and CBV42-B system utilizes a Teradici® PCoIP® processor, VMware or Amazon WorkSpaces to deliver a powerful and secure virtual solution that broadens integrated computing beyond design labs, to offices and classrooms. Compared to a traditional desktop computing system, the V series allows advanced computing with greater security while reducing system-building and maintenance costs. LED backlight technology also provides a bright and clear display to facilitate a comfortable computing experience for daily office work and multimedia applications.

The LG Cloud Monitor (Zero Client) combined with a Teradici PCoIP Processor and Amazon WorkSpaces or VMware provides ultimate cloud desktop experience.



Features

ULTRA SECURE

- PCoIP zero clients significantly reduces the risk of virus, spyware, and hacking because all data, storage, and memory are stored at the central data center. Data never leaves the data center it only transmits pixels, making our zero clients suitable for security critical organizations such as financial firms
- Unique USB authorization provides enhanced security

ZERO CLIENT FLEXIBILITY

- LG Zero Clients combined with Amazon WorkSpaces allows users to access the documents, applications and resource quickly and securely.
- Fully compatible with VMware View™ Virtual Desktop Environments
- Virtual computing via LAN/WAN utilizes existing enterprise servers, workstations, and blade PCs
- Allow users to quickly utilize the latest OS and software installed on the host

LED BACKLIGHT

 LED backlight technology takes Full HD (23CAV42K-BL and 24CAV37K-B) to new heights with exceptional contrast ratios and brightness levels yet is very energy efficient

KEY FEATURES

- Tera2321 Processor
- Built-in speakers provides true all in one solution
- Wide Viewing capabilities of IPS (20CAV37K-B, 23CAV42K-BL and 24CAV37K-B) technology with the superior picture quality of LED backlighting
- Six USB 2.0 inputs to offer various usage scene
- Upgraded usability with UPoE ready
- TAA Compliant

LGsolutions.com



Zero Client TERA2

(V series)

Cost effective, ultra-secure desktop virtualization

▶ 20CAV37K-B

20" class (19.5"/494.03mm diagonal)

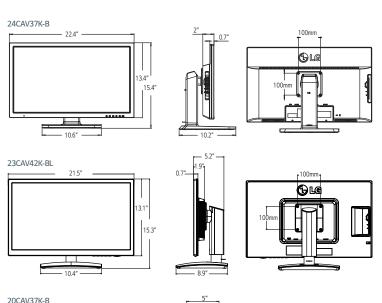
▶ 23CAV42K-BL

23" class (23.0"/584.2mm diagonal)

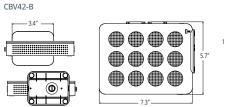
▶ 24CAV37K-B

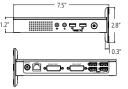
24" class (23.8"/604.7mm diagonal)

▶ CBV42-B



ZUCAV37K-B		2"	
17.8"	1	.7"	_100mm
			G LG
10.6"	11.8" 14.5"	10.2"	100 mm





Jack Pan	els			CDV+	0	
20CAV3	37K-B / 23CAV42K-BI	L / 24CAV37K-B	*		5 ©	O
DC-IN D-S	SUB IN LAN 🎏 🕶 🛎	DVI-D OUT	!l _*			
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PANEL	Model	20CAV37K-B	23CAV42k	(-BL	24CAV37K-B	CBV42-B
	TAAC					

PANEL	Model	20CAV37K-B	23CAV42K-BL	24CAV37K-B	CBV42-B
	TAA Compliant	Yes			
	Panel Size (diagonal)	20" (19.5")	23" (23.0")	24" (23.8")	N/A
	Panel Type	AH-IPS			IV/A
	Processor	rocessor Teradici Tera2321 PCoIP Chip			
	RAM	512MB			
	Protocol	PCoIP			
	Networking	orking 10 / 100 / 1000			
	Color Depth		16.7M		
	Pixel Pitch(mm)	0.2907(H)x0.2915(V)	0.2652(H)×0.2652(V)	0.275(H) x 0.275(V)	N/A
	Aspect Ratio	16:10	16:10 16:9		
	Resolution	1440 x 900	1920 x 1080		1920×1200 (DM)
	Color Depth Pixel Pitch(mm) Aspect Ratio	16:10			

PANEL	Model	20CAV37K-B	23CAV42K-BL	24CAV37K-B	CBV42-B		
	Brightness (Type)		N/A				
	Contrast Ratio	1,000					
	Response Time on/off)						
	Viewing Angle (CR>10)						
	Surface Treatment	Non-	Glare	Hard coating, Anti-Glare			
INPUT (SIGNAL)	D-Sub	Yes			No		
OUTPUT	DVI						
(SIGNAL)	Others	10/100/1000	10/100 /1000	10/100 /1000	10/100 /1000		
INTERACTIVE	USB 2.0		6 (4 Bac	k, 2 Side)			
INPUT	Mic In		Yes				
OUTPUT	Headphone Out		Ye	es			
POWER	Туре		Adapter (19V DC)				
	Input	100_240V					
	Normal On (Type)	18W (Monitor) 23W (Cloud)	24W (Monitor) 29W (Cloud)	24W(Monitor) 29W(Cloud)	6W		
	Power Save/Sleep Mode (Max)	0.5W (Monitor) 5.5W (Cloud)	0.5W (Monitor) 7W (Cloud)	0.5W(Monitor) 5.5W (Cloud)	N/A		
	DC Off (Max)	0.5W	0.5W				
FREQUENCY	H-Frequency (Analog)	30~69kHz	30~68kHz	30~69kHz			
	V-Frequency (Digital)	57~63Hz					
SPEAKER	Built-in Speaker	Yes (5W x 2)	Yes (1W x 2)	Yes (5W x 2)	N/A		
SPECIAL	IPS		Yes				
FEATURES	Reader Mode	Yes	No	Yes			
	Flicker Safe	Yes	No	Yes			
	Wake On LAN	Yes No Yes					
	2.0 USB Input (6) UPoE available		Yes				
	with AUPoE* Adapter		Ye	es			
CABINET	Color	Black Texture Black Hairline Black Tex			Texture		
	Set (with Stand) (WxHxD)	17.8" x 14.5" x 10.2"	21.5" x 15.3" x 8.9"	22.4" x15.4"x10.2"	7.5" x 5.7" x 2.8"		
	Weight	9.3 lbs.	12.3 lbs.	12.1 lbs.	1.5 lbs.		
	Set (without Stand) (WxHxD)	17.8" x 11.8" 2"	21.5" x 13.1" x 1.9"	22.4" x 13.4" x 2"	7.3" x 5.7" x 1.2"		
	Weight	7.8 lbs.	7.4 lbs.	10.6 lbs.	1.5 lbs.		
	Box (WxHxD)	20.6" x 14.6" x 7.8"	24.3" x 15.9" x 7.8"	25.3" x 16.1" x 7.6"	10.5" x 7.8" x 6.1"		
	Weight	12.3 lbs.	16.3 lbs.	15.7 lbs	2.9 lbs.		
	VESA Standard Mount Interface		100mm x 100mm		Yes		
	Stand	Base detachable, Tilt, Yes / -5° (front), 35° (rear), Swivel (yes), Height (130mm), Pivot (90°)	Base detachable, Tilt, Yes / -5° (front), 15° (rear), Swivel (yes), Height (130mm), Pivot	Base detachable, Tilt, Yes / -5° (front), 35° (rear), Swivel (90°), Height (130mm), Pivot	Base detachable		
STANDARD	UL(cUL)	(
CERTIFICATION	TUV-Type		No				
	FCC-B, CE						
	RoHS			es es			
WARRANTY		3-Year Limited Warranty (Parts/Labor/Backlight)					
UPC		7 19192 20071 5 7 19192 19162 4 7 19192 19754 1 7 19192 19183 9					
ACCESSORIES	Power Cord, RGB Cable						

*AUPoE sold separately































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