



# Beyond Visual Communication



- Visual Displays ■
- Wireless Collaboration ■
- Digital Signage ■



PROJECTORS



FLAT PANEL  
DISPLAYS



WIRELESS  
COLLABORATION



DIGITAL  
SIGNAGE



DISPLAY  
SOLUTIONS



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# Beyond Visual Communication

Founded in 1971, Delta is a global leader in switching power supplies and thermal management products. It has a thriving portfolio of smart energy-saving systems and solutions in the field of industrial automation, building automation, telecom power, data centre infrastructure, EV charging, renewable energy, energy storage and display, which help to nurture

the development of smart manufacturing and sustainable cities. As a world-class corporate citizen guided by its mission statement, "To provide innovative, clean and energy-efficient solutions for a better tomorrow," Delta leverages its core competence in high-efficiency power electronics and its CSR-embedded business model to address key environmental issues, such as climate change.

Delta serves customers through its sales offices, R&D centres and manufacturing facilities spread over almost 200 locations across five continents. Throughout its history, Delta has received various global awards and recognition for its business achievements, innovative technologies and dedication to CSR. Since 2011, Delta has been listed on the DJSI World Index of the Dow Jones

Sustainability™ Indices (DJSI) for 11 consecutive years. In 2021, Delta was also recognised by CDP with leadership level ratings for its substantial contribution to climate change and water security issues and named Supplier Engagement Leader for its continuous development of a sustainable value chain.



# Projection and Display Solutions for Every Application and Budget

Vivitek understands the unique challenges of users in meeting, teaching or hybrid spaces. Our commitment is to go beyond visual communication to offer truly interactive and user-friendly visual support for any meeting, event, classroom or even retail signage applications. Our goal is to make the visual display experience work for you.



## Projectors

Years of successful product and technology innovations have resulted in high quality and unique solutions for a variety of users' needs, ranging from large venue to business and education.



## Flat Panel Displays

Vivitek's flat panels are all-in-one collaboration and digital signage displays for conference rooms, meeting areas, classrooms and lobbies. Our flat panels equipped with the NovoConnect wireless collaboration solutions, encourage meeting interaction and engagement. NovoDS digital signage will turn an idle screen into an announcement board to show company or promotional announcements in between meetings.



## NovoConnect Wireless Collaboration

NovoConnect allows participants to wirelessly share content from any device to a big screen. Engage, interact and enhance productivity, transform meeting rooms and classrooms effortlessly into true collaborative spaces. To maximize the use of a display, NovoConnect offers a selection of models that combine wireless collaboration with digital signage as one solution.



## NovoDS Digital Signage

An easy-to-manage digital signage solution, ideal for creating dynamic visual content for a variety of corporate and public spaces.



## Display Solutions

Vivitek's parent company Delta, offers a wide selection of visual display solutions and control systems designed to deliver optimal performance, reliability, and energy efficiency across a variety of indoor, outdoor, public and commercial applications.

# Markets Vivitek Serves



## EVENTS & STAGING

Reliable, robust and durable, Vivitek projectors ensure peace of mind for installers. No matter how challenging the requirements are the Large Venue range fits the bill, combining superb performance with unprecedented image clarity and brightness. They captivate the audience in venues where the show can't be disturbed.



## EDUCATION

From the classroom to the university lecture hall, Vivitek's interactive projectors and collaboration solutions help teachers convey information and guide students' collaborative discussions.



## CORPORATION

From small brainstorming sessions to board room meetings, Vivitek offers a choice of projection or displays for every room size. Combine this with the tools you need to optimise the screen experience, thanks to the Novo Ecosystem which offers wireless collaboration and digital signage tools for a seamless total integration.



## CONSUMER

Whether you are a business traveller or a home entertainment lover, the Qumi projector is an ideal companion. It comes with a wide range of exciting features to support you in every situation. Enjoy games, movies and other content on the big screen, whether at home or work.



## CONTROL ROOM & DIGITAL SIGNAGE

Delta Display Solutions offers a wide range of display technologies for digital signage and control room applications with a choice of standard and custom installations, including controllers and software.



# Projectors

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# Multi-Purpose Projectors

Vivitek's Multi-Purpose projectors are intended for the most creative visual experiences. The wide product range offers excellent performance and superior image quality for any meeting room application in offices, hotels or on the go.



Vivitek DU857



Feature	Qumi	D200 Series			
Model Name / Brightness (ANSI)	Q9	DX273 4000 Lumens	DW275 4000 Lumens	DH278 4000 Lumens	
Native Resolution	Full HD (1920 x 1080)	XGA (1024 x 768)	WXGA (1280 x 800)	Full HD (1920 x 1080)	
Maximum Resolution	4K 3840x2160 @ 30Hz	WUXGA (1,920 x 1,200) @60Hz			
Applications	Corporate / Education / Multimedia / Entertainment	Education / Corporate			
Light Source / Lifetime	Light Source	4LED (RGBB)	Lamp 210W		
	Light Source Life	30,000 Hours	5,500 /7,000 /10,000 Hours (Normal /Eco / Dynamic Eco Mode)		
Optical / Installation	Projection System	DLP® 0.33" TRP	Single chip DLP® 0.55" DMD	Single chip DLP® 0.65" DMD	
	Lens Type	Fixed	Fixed focal length, manual focus		
	Throw Ratio	1.21:1	1.94 - 2.33 : 1	1.55 - 1.86 : 1	1.36 - 1.66:1
	Zoom Ratio		1.2x		
	Geometric Corrections	Auto	Vertical:± 40 steps		
	Projection Offset	100%	106%±5%	104%±5%	107% ±5%
	Image Size	37" ~ 200"	40" - 300"		
	Projection Distance	1.0m - 5.3m	1.6 - 12.2 m	1.3m -10.2m	1m -9.3m
	Projection Method	Front, Rear, Front-Ceiling, Rear-Ceiling	Table Top, Ceiling Mount (Front or Rear)		
	Picture	Native Aspect Ratio	16:9	4:3	16:10
Contrast Ratio		3,200,000:1		20,000:1	
Color Processing		-		10 bits	
Connectivity	Input / Output	HDMI v2.0, Audio Out (3.5mm), USB 2.0 (Type A 5V/1A,WiFi/BT dongle), USB 3.0 (Type A 5V/1.0A) for Media Files, USB Type-C (Display Only), RJ45 (Internet)	HDMI 1.4 x2, VGA-In x2, S-Video, Composite Video, Audio-In (Mini-Jack), VGA-Out, Audio-Out (Mini-Jack), RS-232, USB mini-B (Service)		
	Wireless	Wi-Fi/Bluetooth	NA		
	Supported Long Cable	NA	•		
	3D Ready	NA	DLP link, PC+Video		
	Speaker	3W x 2 with Diaphragm	2W x1 (Mono)		
Control	Network Control	NA	NA		
	Projector Installation Control Software	NA	NA		
	Security	NA	Kensington® Security Slot, Keypad Lock		
Power	Power Supply	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz		
	Power Consumption @220V	95W (Normal Mode)	250W (Normal), 210W (Eco)		
	Standby Power On	<0.5W (Standby)	<0.5W (Standby)		
Dimensions & Weight	Dimensions (W x D x H)	240 x 222 x 59mm	331 x 244 x 105 mm		
	Weight	1.46kg	2.6 kg	2.6 kg	

D200 Series		D800 Series				D700Z	
DX283-ST 3600 Lumens	DW284-ST 3600 Lumens	DW855 5500 Lumens	DH856 4500 Lumens	DU857 5200 Lumens	DH858N 4500 Lumens	DH765Z-UST 4000 Lumens	DU775Z-UST 4500 Lumens
XGA (1024 x 768)	WXGA (1280 x 800)	WXGA (1280 x 800)	Full HD (1920 x 1080)	WUXGA (1920 x 1200)	Full HD (1920 x 1080)	Full HD (1920 x 1080)	WUXGA (1920 x 1200)
WUXGA (1,920 x 1,200) @60Hz		WUXGA (1,920 x 1,200) @60Hz				WUXGA (1,920 x 1,200) @60Hz	UHD (3840 x 2160) @60Hz
Education / Corporate		Education / Corporate				Education / Corporate / Museum / Hospitality	
Lamp 210W		Lamp 310W				Laser Phosphor	
5,500 / 7,000 / 10,000 Hours (Normal / Eco / Dynamic Eco)		3,000/4,000/5,000 Hours (Normal/ Eco./Dynamic Eco)				20,000 / 30,000 Hours (Normal /Eco)	
Single chip DLP® 0.55" DMD	Single chip DLP® 0.65" DMD	Single chip DLP® 0.65" DMD		Single chip DLP® 0.67" DMD	Single chip DLP® 0.65" DMD	Single chip DLP® 0.65" DMD	Single Chip 0.47" DLP Technology
Fixed focal length, manual focus		Fixed focal length, manual focus				Fixed focal length, manual focus	
0.49:1		1.39 - 2.09				0.23:1	
1.2x		1.5x				Fixed	
Vertical:± 40 steps		H: ±30 Degree; V: ±30 Steps, 4 Corner				Vertical: +/- 30 steps; Horizontal: +/- 30 steps	
106%±5%	103.8%±5%	114.9% ±5%				119% from the lens center; 126% from the bottom of the projector	
40" - 300"		25.3" - 317.99"	25.9" - 324.9"	26.7" - 334"	26.7" - 334"	80" - 150"	70" - 150" (100% Focus)
0.63m - 1.29m	0.53m - 1.09m	1.2m-10m				4 - 41 cm (from the screen to the projector)	
Table Top, Ceiling Mount (Front or Rear)		Table Top, Ceiling Mount (Front or Rear)				Table Top, Ceiling Mount (Front or Rear)	
4:3	16:10	16:10	16:9	16:10	16:9	16:9	16:10
20,000:1		15,000:1				12,000:1	
10 bits		10 bits				10 bits	
HDMI 1.4 x2, VGA-In x2, S-Video, Composite Video, Audio-In (Mini-Jack), VGA-Out, Audio-Out (Mini-Jack), RS-232, USB mini-B (Service)		HDMI v1.4 x2, VGA-In, Audio-In (Mini-Jack), VGA-Out, Audio-Out (Mini-Jack), RJ45, 12V Trigger, RS-232, USB Power Type-A (5V/1.5A) x2, USB mini-B (Service)				HDMI x2,VGA-In, S-Video, Composite Video, Audio-In (RCA), Audio-In (Mini-Jack), VGA-Out, Audio-Out (Mini-Jack), RJ45, RS-232, USB Power Type-A (5V/1.5A), USB mini-B (Service)	
NA		NA				Wi-Fi 33 Dongle	
•		•				•	
DLP link, PC+Video 2W x1 (Mono)		DLP link, PC+Video 10W x1 (Mono)				DLP link, PC+Video 10W x1 (Mono)	
NA		•				•	
NA		•				NA	
Kensington® Security Slot, Keypad Lock		Kensington® Security Slot, Keypad Lock				Kensington® Security Slot, Keypad Lock	
AC 100-240V, 50/60Hz		AC 100-240V, 50/60Hz				AC 100-240V, 50/60Hz	
250W (Normal), 210W (Eco)		340W (Normal Mode), 270W (Eco. Mode)				380W (Normal Mode), 315W (Eco. Mode), 290W (Eco. Mode)	
<0.5W (Standby)		<0.5W (Standby), <2W (LAN Standby)				<0.5W (Standby Mode), <3W (LAN Standby Mode)	
331 x 244 x 105 mm		314 x 213 x 126 mm				509 x 390 x 145 mm	
2.6 kg	2.6 kg	3.4kg				10.5 kg	
						8.90 kg	



# Education Projectors



From classrooms to university lecture halls, Vivitek projectors help teachers capture students' attention, convey information and guide collaborative discussions.

The interactive projectors provide the perfect support for effective participation by enabling teachers to interact with students, using pen or finger-touch capabilities to enhance the learning experience.





Feature	D7000		
Model Name / Brightness (ANSI)	DW770UST 3500 Lumens	DW771USTi 3500 Lumens	DH772UST 3500 Lumens
Native Resolution	WXGA (1280 x 800)	WXGA (1280 x 800)	Full HD (1920 x 1080)
Maximum Resolution	UHD 4K (3840 x 2160)@60Hz		
Applications	Education		
Light Source / Lifetime	Light Source	Lamp 240W	
	Light Source Life	6,000 / 12,000 Hours (Normal / Eco. Mode)	
Optical / Installation	Projection System	Single chip DLP® 0.65" DMD	
	Throw Ratio	0.35:1	
	Zoom Ratio	Fixed	
	Geometric Corrections	Vertical: +/- 40°	
	Projection Offset	120%	
	Image Size	80" - 100"	
	Projection Distance	283 - 446 mm	
	Projection Method	Table Top, Ceiling Mount (Front or Rear)	
Picture	Native Aspect Ratio	16:10	16:9
	Contrast Ratio	14,000:1	
	Color Processing	10 bits	
	Color Wheel Segment	6 Segment	
Connectivity	Input / Output	HDMI v2 (x2) (HDCP v2.2 Compliant), VGA-In, Composite Video, Audio-In RCA (L/R), Audio-In (Mini-Jack), VGA-Out, Microphone (Mini-Jack), Audio-Out (Mini-Jack), RJ45, RS-232, USB Type A Power (5V/1.5A), USB (Service), Mini USB (Type B for IR Camera)	
	Interactive	NA	IR / FingerTouch
	Supported Long Cable	•	•
	3D Ready	•	
	Speaker	10W x2	
Control	Network Control	•	
	Projector Installation Control Software	NA	
	Security	Kensington® Security Slot, Keypad Lock	
Power	Power Supply	AC 100-240V, 50/60Hz	
	Power Consumption @220V	290W (Normal Mode), 250W (Eco. Mode) 290W (Normal Mode), 250W (Eco. Mode)	
	Standby Power On	<0.5W (Standby Mode)	
Dimensions & Weight	Dimensions (W x D x H)	287.7 x 374.5 x 122.6 mm (not including height of mirror )	
	Weight	5 kg	

# NovoProjectors



The NovoProjector is an innovative, all-in-one collaborative projection solution designed for medium-sized meeting rooms. It offers much more than the functionality of a projector; it includes wireless presenting, screen mirroring and annotation and moderator functions, along with the ability to display four users' devices simultaneously on the split screen.



		
Feature	D800 Series	D3600 Series
Model Name / Brightness (ANSI)	DH858N 4500 Lumens	DH3665ZN 4500 Lumens
Resolution	Full HD (1920 x 1080)	
Applications	Education / Corporate	Meeting Room / Education / Conference
BYOD Compatibility	Windows, macOS, Ubuntu, Android/Google Cast, iOS/AirPlay	
Simultaneous Connections	64	
Simultaneous On-screen	4	
File Sharing	•	
Moderator	•	
Screen Duplication Over The Network	1-way (NT Receiver)	
Security	AES-256 Encryption, Password Protected , ISO27001	
LauncherOne / LauncherPlus	•	
Support OTA Upgrade	•	
Remote Management	•	
Light Source / Lifetime	Lamp 310W	Laser
Life	3,000/4,000/5,000 Hours (Normal/ Eco./Dynamic Eco)	30,000 Hours (Eco)
24/7 Operation	NA	•
Anti-Dust Test Degree	Vivitek Standard	IP5X / IP6X
Lense Type	Fixed focal length , manual focus	
Throw Ratio	1.39 - 2.09:1	
Zoom Ratio	1.5x	
Image Size	26.7" - 334"	25.9" - 324.9"
Projection Distance	1.2m - 10m	
Projection Offset	114.9% ±5%	130% /115% (Half / Full)
Geometric Corrections (H/V/4 Corners)	•	
360° / Portrait mode	NA	•
Native Aspect Ratio	16:9	
Color Gamut cover Range	Vivitek Standard	Rec. 709 >95%
Dynamic Black	•	
Display Color Bit	10 bits	
Input / Output	HDMI v1.4a x2, VGA-In, Audio-In (Mini-Jack) x2, VGA-Out, Audio-Out (Mini-Jack), RJ45, 12V Trigger, RS-232, USB Power Type-A (5V/1.5A) x2, USB mini-B (Service)	HDMI v1.4a x2, VGA-In, Audio-In (Mini-Jack), Audio-In RCA (L/R), Composite Video, VGA-Out, Audio-Out (Mini-Jack), USB Power Type-A (5V/1.5A), RJ45 (Lan), RS232, USB mini-B (Service), Microphone-In (Mini-Jack)
Supported Long Cable	•	
Wireless	Wi-Fi Dongle	
HDBaseT Supported HD Video	NA	
3D Ready	DLP-Link, PC+Video	
Speaker	10W x1 (Mono)	
Supported Constant Brightness	NA	•
Custom Power Adjustment	NA	•
Network Control	•	
Installation Control Software	PJ-Control 3.0	
Power Supply	AC 100-240V, 50/60Hz	
Power Consumption @220V	340W (Normal) / 270W (Eco)	
Standby Power On	<0.5W (Standby), <2W (LAN Standby)	
Dimensions & Weight	Dimensions (W x D x H)	314 x 213 x 126 mm
Weight	3.4kg	7kg

# Conference Projectors

With a diverse projector line up, Vivitek serves conference spaces and meeting rooms. These reliable and feature-rich projectors support presentations with impactful visuals.



Vivitek DU4671Z





Feature	D3600 Series			
Model Name / Brightness (ANSI)	DH3660Z 4500 Lumens	DU3661Z 5000 Lumens	DH3665ZN 4500 Lumens	
Resolution	Full HD (1920 x 1080)	WUXGA (1920 x 1200)	Full HD (1920 x 1080)	
Applications	Conference / Meeting Room / Education			
Light Source / Lifetime	Laser			
	30,000 Hours (Eco Mode)			
	•			
	Anti-Dust Test Degree			
	IP5X / IP6X			
Optical / Installation	Fixed focal length , manual focus			
	Throw Ratio			
	1.39 - 2.09:1			
	Zoom Ratio			
	1.5x			
	Image Size			
	25.9" - 324.9"			
	Projection Distance			
1.2m - 10m				
Projection Offset	130%/115%	117% /108.5% (Half / Full)	130%/115% (Half / Full)	
Geometric Corrections (H/V/ 4 Corners)	•			
360° / Portrait mode	•			
Picture	Color Game cover Range			
	Rec. 709 >95%			
	Dynamic Black			
•				
Display Color Bit	10 bits			
Connectivity	Input / OutPut	HDMI v1.4 x3, VGA-In, Composite Video, Audio-In (Mini-Jack), Audio-In RCA (L/R), VGA-Out, Audio-Out (Mini-Jack), Microphone (Mini-Jack), USB Power Type A (5V/1.5A), RJ45 (Lan), RS232, USB (Service) HDBase™ (DU3662Z only)		
		HDMI v1.4 x2, VGA-In, Audio-In (Mini-Jack), Audio-In RCA (L/R), Composite Video, VGA-Out, Audio-Out (Mini-Jack), USB Power Type A (5V/1.5A), RJ45 (Lan), RS232, USB (Service), Microphone-In (Mini-Jack)		
	Supported Long Cable	•		
	Wireless	NA	Wi-Fi Dongle	
	HDBaseT Supported HD Video	NA	WUXGA@60Hz	NA
	3D Ready	•		
Speaker	10W x1 (Mono)			
Control	Supported Constant Brightness	•		
	Custom Power Adjustment	•		
	Network Control	•		
	Projector Installation Control Software	PJ-Control 3.0		
Power	Power Supply	AC 100-240V, 50/60Hz		
	Power Consumption @220V	330W (Normal Mode), 260W (Eco. Mode)	340W (Normal Mode), 270W (Eco. Mode)	
	Standby Power On	<0.5W (Standby), <2W (On by Lan)	<0.5W (Standby), <2W (On by Lan)	
Dimensions & Weight	Dimensions (W x D x H)	395 x 340 x 150mm		
	Weight	7kg		



	D4000 Series		
	DU4371Z-ST 5100 Lumens	DU4771Z 6000 Lumens	DU4871Z 7000 Lumens
	WUXGA (1920 x 1200)		
	Conference / Meeting Room / Education		
	Laser		
	30,000 Hours (Eco Mode)		
	•		
	IP5X / IP6X		IP6X
	Fixed focal length , manual focus		
	0.5:1	1.15~1.9	
	Fix	1.65x	
	60" - 325"	36.7"-322.97"	
	0.65 - 3.5 m	1.5 - 8.0 m	
	121% / 110.5%	"130% / 115% (Half / Full)	110~125% (115% default)
	•		
	•		
	Rec 709. >95%		
	•		
	10 bits		
	HDMI v1.4 x2,HDMI/MHL x1,VGA-In, Composite Video, Audio-In RCA (L/R), Audio-In (Mini-Jack), VGA-Out, Audio-Out (Mini-Jack), RJ45 (x2: HDBaseTx1, LANx1), RS-232, 3D Sync-Out, USB Power Type-A (5V/1.5A), USB mini-B (Service), Microphone (Mini-Jack)		
	•		
	NA		
	WUXGA@60Hz		
	•		
	5W x2 (Mono)		
	•		
	•		
	•		
	PJ-Control 3.0		
	AC 100-240V, 50/60Hz		
	530W (Normal), 380W (Eco)		
	<0.5W (Standby), <2W (LAN Standby)		
	360 x 440 x 186.3 mm	360 x 451.5 x 151 mm	
	10.5 kg		

# Large Venue & Mapping

Vivitek's Large Venue projectors cater directly to the diverse and demanding requirements of visual displays at fixed installation events as well as rental and staging.

Vivitek projectors captivate audiences in venues where the show can't be disturbed and where reliability and low noise levels are key. The large venue projectors offer unprecedented image clarity and brightness. Venues can choose from a wide range of projectors that are built for intensive use with maximum installation flexibility, yet low cost of ownership.



Vivitek DU9800Z



Naxi Culture Experience Museum



China Basketball Open Competition



Hancheng Light Festival

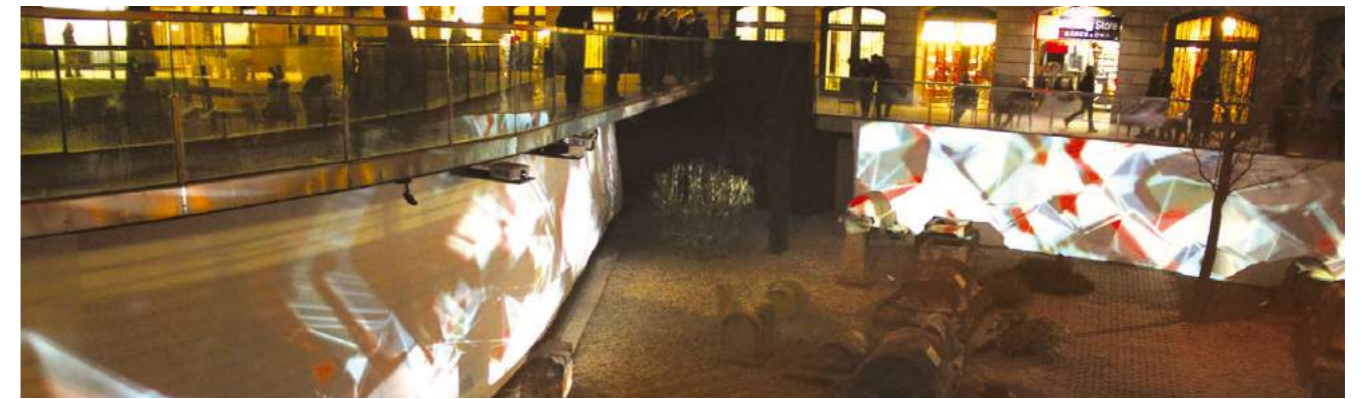


## Energy City Exhibit with Vivitek Projectors Energises 110-Year-Old Houston Museum of Natural Science

Wiess Energy Hall in The Houston Museum of National Science, has proven to be a top attraction among museum destinations. 32 Vivitek DU8090Z laser projectors have been installed throughout the exhibit to design and recreate the landscape of Energy City.

## Iceland's Lava Centre uses Vivitek's Powerful Projection Forces

Lava Centre is an interactive, high-tech educational exhibition depicting volcanic activity and earthquakes. Using 15 Vivitek laser projectors and a wide range of lenses, the Lava Centre ensures visitors enjoy an unforgettable and realistic volcanic experience.



## Roman Barcelona Comes to Life Using Vivitek Projectors

Vivitek's high brightness and versatile projectors combined with great flair and imagination were the key to Ignis Fatuus during the annual light festival in Barcelona. For a demanding light outdoor installation designed to recreate the Roman history of the city, eight edge-blending projectors were used. The projected image created dramatic effects to evoke the historical Roman themes.



Vivitek DU8500Z



Feature	D7000Z	D6000Z	
Model Name / Brightness (ANSI)	DU7098Z - 7000 Lumens DU7295Z - 9000 Lumens	DU6198Z - 8500 Lumens DU6298Z - 10000 Lumens	
Resolution	WUXGA (1920 x 1200)	WUXGA (1920 x 1200)	
Applications	Boardrooms, Conference Rooms, Auditoriums, Museum		
Light Source / Lifetime	Long Life (Eco Mode) / Laser Light Source	3,0000 hrs.	
	24/7 Operation	•	•
	Anti-Dust Test Degree	IP5X	
Optical / Installation	Lens Type	Manual	Motorized
	Throw Ratio (Mutiple Lens Options)	TR.0.78 - 5.0 (x7)	TR.0.38 - 8.3 (x9)
	Image Size (Depends on option lens spec)	27.9" - 481.1"	32.1" - 500"
	Geometric Corrections	•	•
	360° / Portrait mode	•	•
	Multi-Projection	NA	NA
Picture	Color Game Cover Range	REC 709- 95%	REC 709- 93%
	HDR 10	NA	•
	Dynamic Black	•	•
	Laser Light Off Timming Control	•	•
Connectivity	HD Signal Transmission	HDMI v1.4, HDBaseT	HDMI v2.0, HDBaseT
	Supported Long Cable	•	•
	Supported 4K Signal	NA	•
	HDBaseT Supported HD Video	4K@60Hz	4K@60Hz
	3G-SDI	NA	NA
	3D Ready	DLP-Link / IR	
	Power USB Type-A	5V / 1.5A	
	Speaker	DU7295Z- NA DU7098Z- 10w x2	NA
Control	Supported Constant Brightness	•	•
	Custom Power Adjustment	20 ~ 80%	20 ~ 80%
	Network Control	•	•
	Projector Installation Control Software	PJ-Control 3.0	
Power Consumption	Normal / Eco Mode @220V	DU7098Z- 650W / 530W DU7295Z- 980W / 710W	DU6198Z- 820W / 660W DU6298Z- 960W / 760W
	Standby Power On	<0.5W (Standby) <2W (on by Lan)	<0.5W (Standby) <2W (on by Lan)
Dimensions & Weight	Dimensions (W x D x H)	470 x 517 x 202 mm	580 x 500 x 210 mm
	Weight	25kg	26kg

D8000Z	DK10000	D9000Z
DU8395Z - 15000 Lumens	DK10000Z - 10000 Lumens	DU9800Z - 18000 Lumens DU9900Z - 22000 Lumens
WUXGA (1920 x 1200)	4K-UHD (3840x2160)	WUXGA (1920 x 1200)
Indoor/ Outdoor Large Projection Mapping, Rental, Staging, Blending, Warping		
>3,0000 hrs.		
•	•	•
IP6X		
Motorized		
TR.0.38 - 8.26 (x8)		TR.0.9 - 7.0 (x5 )
40" - 500"	40" - 500"	40" - 500"
•	•	•
•	•	•
•	•	•
REC 709 93% / EBU / SMPTE	REC 709 93% / EBU / SMPTE	REC- 709 93% / EBU / SMPTE
NA	•	NA
•	•	•
•	•	•
HDMI v1.4, 3G-SDI, HDBaseT	HDMI v2.0, 3G-SDI, HDBaseT	HDMI v1.4, 3G-SDI, HDBaseT
•	•	•
NA	•	NA
WUXGA@60Hz	4K@60Hz	WUXGA@60Hz
•	•	•
DLP-Link / IR		
NA	NA	NA
NA	NA	NA
•	•	•
30% ~ 100%	30% ~ 100%	30% ~ 100%
•	•	•
PJ-Control 3.0		
DU8395Z- 1435W / 760W	1350W / 845W	1800W / 1100
<0.5W (Standby) <6W (on by Lan)	<0.5W (Standby) <6W (on by Lan)	<0.5W (Standby) <6W (on by Lan)
500 x 580 x 205 mm	530 x 580 x 205 mm	530 x 693 x 248 mm
DU8395Z - 29kg	28kg	DU9800Z - 48kg DU9900Z - 49kg

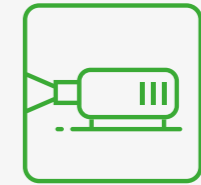
## DU9000Z Series Motorized Lenses



DU9800Z



DU9900Z



Distance calculator tool

Lens Type	Model	Zoom Ratio	F Value (Focal Length)	F Number mm	Image Size	WUXGA Throw Ratio Range						
						1.0	2.0	3.0	4.0	5.0	6.0	7.0
Short Throw (Z)	D98-0912	1.33x	19.34 - 25.76	2.2 - 2.53	50" - 500"	— 0.90 - 1.21:1						
Normal Throw 1	D98-1215	1.3x	25.69 - 33.22	2.18 - 2.66	40" - 500"	— 1.20 - 1.56:1						
Standard Lens	* D98-1520 * D98G2-1520	1.33x	31.9 - 42.2	2.17 - 2.65		— 1.50 - 2.0:1						
Long Throw 1	D98-2040	2.0x	42.6 - 84.8	2.17 - 2.64		— 2.0 - 4.0:1						
Long Throw 2	* D98-4070 * D98G2-4070	1.75x	83.93 - 146.85	2.2 - 2.57		— 4.0 - 7.0:1						

\* DU9800Z only / \* DU9900Z only

## D8000Z & DK1000Z Motorized Lenses



DU8395Z



DK1000Z

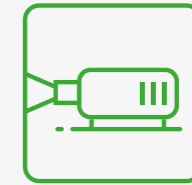
Lens Type	Model	Zoom Ratio	F Value (Focal Length)	F Number mm	Image Size	Throw Ratio Range						
						1.0	2.0	3.0	4.0	5.0	6.0	7.0
Ultra Short Throw	D88-UST01B	NA	5.64mm	2.0	100" - 350"	— 0.38: 1						
Short Throw (F)	D88-WF18501	NA	11.6mm	1.85	40" - 500"	— 0.76: 1						
Short Throw (Z)	D88-UWZ01	1.25x	11.3 - 14.1mm	1.96 - 2.3		— 0.75 - 0.93						
Normal Throw 1	D88-WZ01	1.4x	18.7 - 26.5mm	1.85 - 2.5		— 1.25 - 1.79						
Standard	D88-ST001	1.3x	26 - 34mm	1.7 - 1.9		— 1.73 - 2.27						
Semi Long Zoom	D88-SMLZ01	1.65x	32.9 - 54.2mm	1.86 - 2.48		— 2.22 - 3.67						
Long Throw 1	D88-LOZ101	1.5x	52.8 - 79.1mm	1.85 - 2.41		— 3.58 - 5.38						
Long Zoom 2	D88-LOZ201	1.55x	78.5 - 121.9mm	1.85 - 2.48		— 5.32 - 8.26						



# DU7000Z Series Lenses



DU7095Z/ DU7295Z



Distance calculator tool

Lens Type	Model	Zoom Ratio	F Value (Focal Length)	F Number mm	Image Size	WUXGA Throw Ratio Range						
						1.0	2.0	3.0	4.0	5.0	6.0	7.0
Short Throw (F)	VL904G/LNS-5FX2	NA	11.46mm	2.54	47.8" - 298.3"	— 0.78: 1						
Short Throw (Z)	VL911G/LNS-5WZ2	1.42x	11.45 - 16.32mm	2.1 - 2.6	42.3" - 300"	— 0.77 - 1.1: 1						
Normal Throw 1	VL907G/LNS-5STZ	1.18x	16.64 - 19.54mm	2.05 - 2.27	35.8" - 379.8"	— 1.10 - 1.3: 1						
Normal Throw 2	VL912G/LNS-5STZ2	1.28x	18.65 - 23.85mm	2.0 - 2.44	39.1" - 300"	— 1.25 - 1.60:1						
Standard Lens	VL906G/LNS-5SZ12	1.25x	22.84 - 28.61mm	2.0 - 2.09	36.1" - 300"	— 1.54 - 1.93						
Long Throw 1	VL908G/LNS-5LZ23	1.5x	28.5 - 42.75mm	2.5 - 3.1	32.1" - 481.1"	— 1.93 - 2.90:1						
Long Throw 2	VL909G/LNS-5LZ2	1.67x	44.5 - 74.19mm	2.2 - 2.5	27.9" - 309.5"	— 3.0 - 5.0:1						

# DU6000Z Series Motorized Lenses



DU6198Z/ DU6298Z

Lens Type	Model	Zoom Ratio	F Value (Focal Length)	F Number mm	Image Size	WUXGA Throw Ratio Range						
						1.0	2.0	3.0	4.0	5.0	6.0	7.0
Ultra Short Throw	D88-UST01B	Fixed	5.64mm	2.0	100" - 350"	— 0.38: 1						
Short Throw (Z)	D86-0711	1.42x	11.45 - 16.32mm	2.1 - 2.6	42.3" - 300"	— 0.77 - 1.10: 1						
Normal Throw 1	D86-1113	1.18x	16.64 - 19.54mm	2.05 - 2.27	35.8" - 379.8"	— 1.10 - 1.30: 1						
Normal Throw 2	D86-1216	1.28x	18.65 - 23.85mm	2.0 - 2.44	39.1" - 300"	— 1.26 - 1.60: 1						
Standard Lens	D86-1519	1.25x	22.84 - 28.61mm	2.02 - 2.40	48.2" - 300"	— 1.54 - 1.93: 1						
Long Throw 1	D86-1929	1.5x	28.5 - 42.75mm	2.5 - 3.1	32.1" - 481.1"	— 1.73 - 2.27						
Long Throw 2	D88-SMLZ01	1.65x	32.9 - 54.2mm	1.86 - 2.48	40" - 500"	— 2.22-3.67						
Long Throw 3	D88-LOZ101	1.5x	52.8 - 79.1mm	1.85 - 2.41		— 3.58-5.38						
Long Zoom 4	D88-LOZ201	1.55x	78.5 - 121.9mm	1.85 - 2.48		— 5.32-8.26						

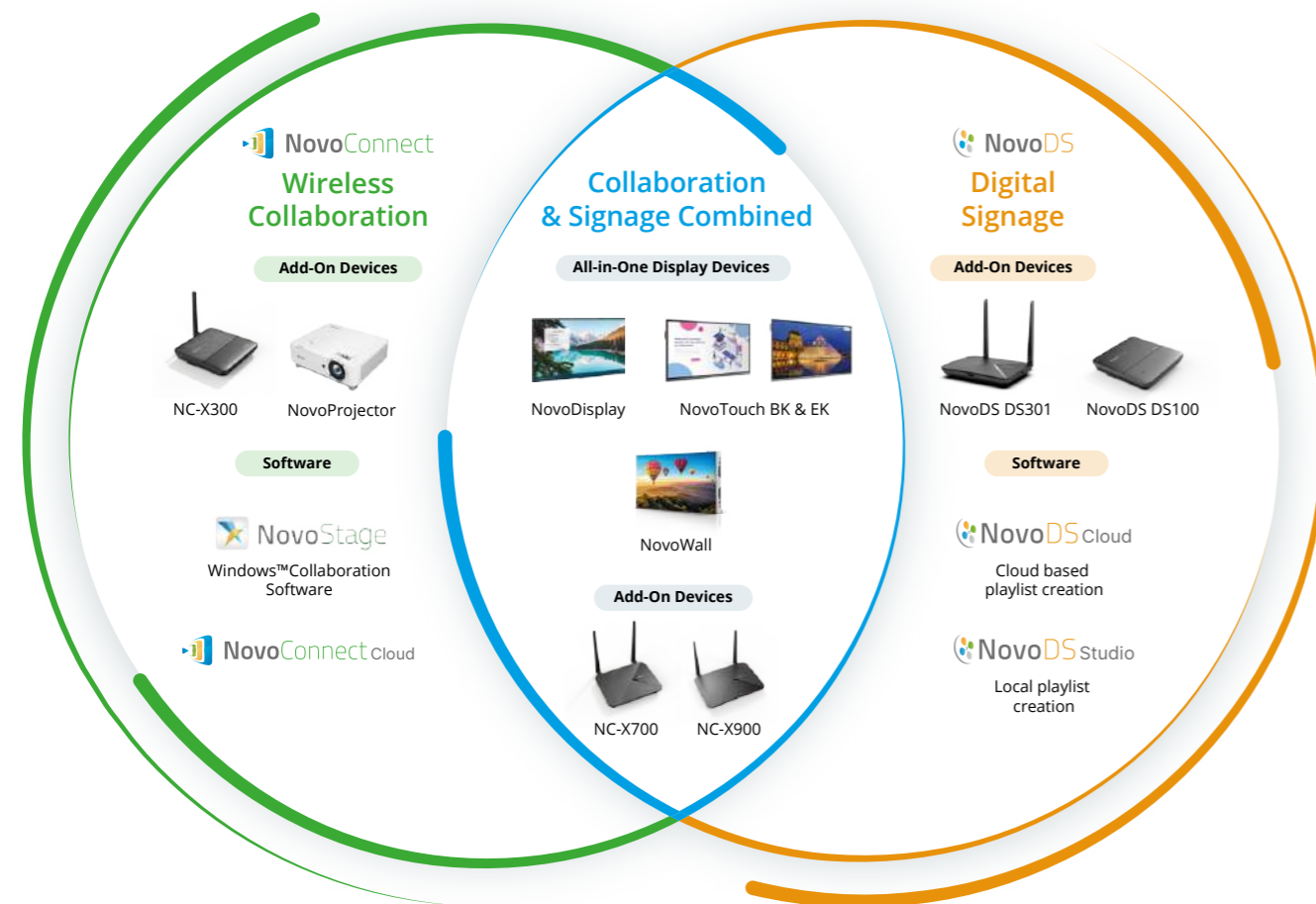
# Novo Ecosystem

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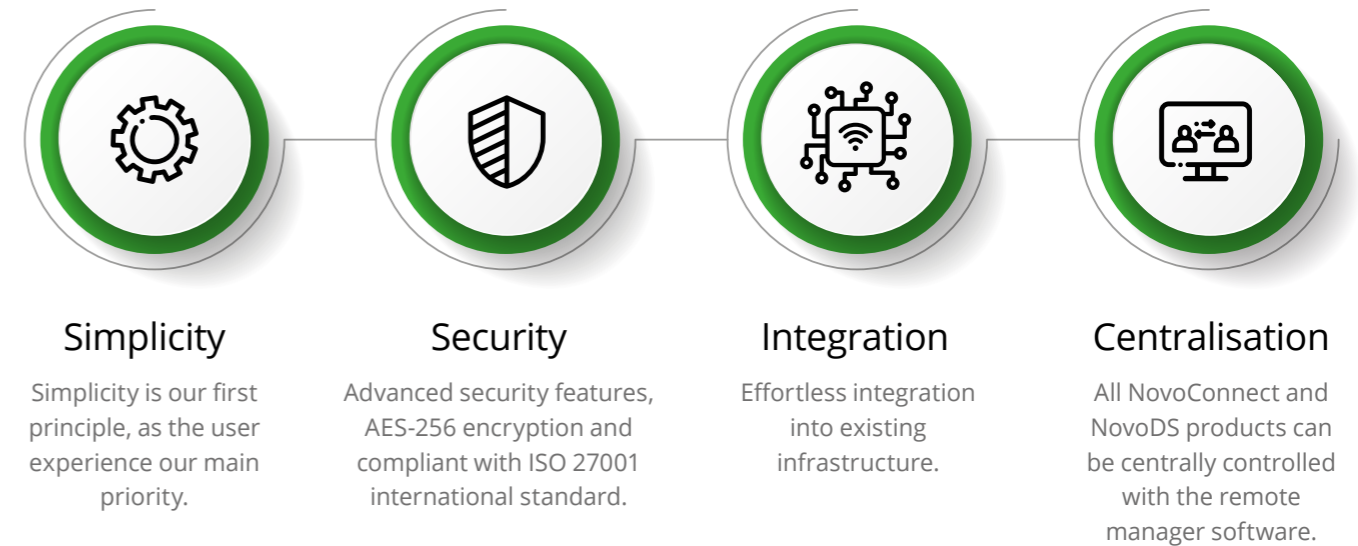
# Novo Ecosystem

Novo Ecosystem offers the most comprehensive choice for wireless collaboration and digital signage. It has been designed for meeting rooms and educational spaces and supported by collaboration and device management software.



# Novo Ecosystem key principles

Vivitek's Novo Ecosystem sets the bar with wireless collaboration and digital signage based on four guaranteed principles.



# Novo Ecosystem for Businesses

The simplest and most secure way to realise Wireless Collaboration and Digital Signage throughout a company, is with Vivitek's Novo Ecosystem. It offers a tailor-made solution for every room. Our wireless collaboration and digital signage solutions boosts meeting productivity and communication without compromising security. Benefit from the seamless transition between wireless collaboration and switch to digital signage and communicate bulletin board information through the same displays.



**Executive Office**  
NovoTouch + Launcher BYOM

**Meeting Room**  
NCX300 + Launcher  
NovoStage + Windows Display

**Boardroom**  
NCX900 + Launcher  
NovoProjector

**IT Department**  
Remote Manager software for  
centralised management

**Cafeteria**  
NovoDisplay + NovoDS

**Corridor Area**  
NovoWall

**Reception Greeting Area**  
NovoDisplay

# Education & Government

Novo Ecosystem Applications.  
It Works Everywhere

**Classroom**  
NovoTouch

**Library**  
NovoDisplay

**Lecture Hall**  
NovoProjector

**Bank**  
NovoTouch

**Post Office**  
NovoDisplay

**Museum**  
NovoTouch/NovoLED

**IT Department**  
Remote Manager



# Wireless Collaboration & Video Conferencing

Enjoy better participation and engagement from meeting participants by wirelessly connecting up to 64 users simultaneously, with four of them able to present on a split screen display. Share notes and even invite participation through video conferencing. NovoConnect will take your meetings and brainstorm sessions to the next level.



## MEETING ROOMS

NovoConnect turns an ordinary meeting into a creative and dynamic collaboration session by allowing easy connection and presentation to the main screen from any mobile device.



## HUDDLE SPACES

Meetings don't always require a dedicated room. With NovoConnect, you just need a display on the wall to create a perfect huddle space for quick brainstorm sessions.



## CONFERENCE ROOMS

When the whole office comes together, NovoConnect will ensure that everyone can connect and collaborate easily with up to 64 participants.



## EDUCATION

NovoConnect offers an education mode for the teacher to moderate the lecture and choose who can share their screen.

# Features and Benefits



Wireless content sharing from laptops, tablets or smartphones to the central screen.



Screen duplication to multiple locations over the network.



Split screen enables four participants to present simultaneously.



Annotate and highlight your discussion points in real time.



Dynamically switch between participants' screens.



Moderator function helps the meeting host remain in control of the meeting agenda.



Up to 64 participants can be connected.



Compatible with Bring Your Own Meeting (BYOM).



# Add-On Devices NovoConnect



The NovoConnect Wireless Collaboration devices are ideally suited to those who already have a screen or a projector, but wish to enhance or extend their existing AV infrastructure with wireless presentation functionality, or maximise their screen use with digital signage.

## Add-On Devices NovoConnect



NC-X300



NC-X700



NC-X900

Features	NC-X300	NC-X700	NC-X900
<b>Features</b>	<ul style="list-style-type: none"> <li>Pre-paired LauncherPlus included</li> <li>Cross-platform compatibility with Windows, MacOS, Android, and iOS</li> <li>Support AirPlay and Google Cast</li> <li>Up to two screens sharing side by side</li> <li>Remote control and management over the network</li> <li>Free firmware upgrade</li> </ul>	<ul style="list-style-type: none"> <li>4K-UHD display resolution</li> <li>Support smooth video playback</li> <li>High speed wireless communication</li> <li>Rich connectivity</li> <li>Seamless switch between Wireless Collaboration and Digital Signage</li> </ul>	<ul style="list-style-type: none"> <li>4K-to-4K mirroring, Video, Photo, Doc...</li> <li>Miracast optimized for Win-10 computers for best stability</li> <li>Instant Mirroring (no software installation required)</li> <li>Broadcast screen to multiple locations over the network</li> <li>Power-over-Ethernet (PoE) to simplify large-scale deployment</li> <li>Seamless switch between Wireless Collaboration and Digital Signage</li> </ul>
<b>Application Edition</b>	Corporate	Corporate/ Education	Corporate/ Education/
<b>BYOD Compatibility (Windows, macOS, Ubuntu, Android/ GoogleCast, iOS/ AirPlay)"</b>	•	•	•
<b>BYOM Compatibility ( Windows, macOS)</b>	NA	•	•
<b>Simultaneous Connections</b>	8	64	64
<b>Simultaneous On-screen</b>	1 or 2	1, 2, 3, 4	1, 2, 3, 4
<b>Screen Mirroring</b>	iOS, GoogleCast	Miracast- Win 10, iOS, GoogleCast	Miracast-Win 10, iOS, GoogleCast
<b>Split-View</b>	Dual Split-View	Quad Split-View	Quad Split-View
<b>AirPlay Discovery Enhanced</b>		•	•
<b>Meeting ID</b>	•	•	•
<b>Screen Duplication Over The Network</b>	NA	1-way (NT Receiver)	2-way (NT Sender & Receiver)
<b>Data Encryption AES-256</b>	•	•	•
<b>ISO 27001</b>	•	•	•
<b>Remote Management</b>	•	•	•
<b>Over-the-air Software Upgrade</b>	•	•	•
<b>Software APIs for System Integration</b>	NA	•	•
<b>HDMI Input (1080p)</b>	NA	NA	•
<b>Power Over Ethernet (PoE)</b>	NA	NA	•
<b>Display Resolution</b>	1080p	4K-UHD	4K-UHD
<b>Optional Launcher</b>	LauncherPlus included	•	•
<b>Digital Signage</b>	NA	•	•



# All-In-One Devices

## Projectors and Flat Panel Displays

Vivitek offers the most complete all-in-one display solutions with wireless collaboration and digital signage. Catering for the needs of both corporate and education users, the collaborative panels offer wireless presenting, video conferencing and a seamless switch to the signage mode. Additionally, the touch panels come with an interactive whiteboard function. For those who want to combine wireless collaboration capabilities and a big image up to 300" diagonal, the NovoProjector is the perfect choice.



NovoProjector



NovoDisplay



NovoTouch



NovoWall

	EK Series			BK Series	
<b>Features</b>	<ul style="list-style-type: none"> <li>High-brightness 4500 lumens, bulb or laser light source</li> <li>Cost-effective way to enjoy large screen size with wireless collaboration benefits</li> <li>Eco-friendly power-saving system</li> </ul>	<ul style="list-style-type: none"> <li>High resolution 4K-UHD Display</li> <li>Designed for meeting rooms and digital signage applications</li> <li>Supports portrait and landscape mode</li> <li>Seamless transition to collaboration, video conferencing and signage mode</li> </ul>	<ul style="list-style-type: none"> <li>High accuracy and fast response time for touch annotation &amp; gesture recognition</li> <li>Interactive Whiteboard with enhanced tools</li> <li>Backlit D-LED, 4K-UHD resolution, Optical Bonding for outstanding image, wide view angle, improved annotation and readability</li> <li>Seamless transition to collaboration and signage mode</li> </ul>	<ul style="list-style-type: none"> <li>40-Point interactive touch capability</li> <li>Interactive Whiteboard</li> <li>Backlit D-LED, 4K-UHD resolution, wide view angle for better readability</li> <li>TÜV Rheinland Certified to ensure the best eye projection</li> </ul>	<ul style="list-style-type: none"> <li>Designed for high-brightness environments</li> <li>For signage and collaboration use</li> <li>Rugged surface for easy cleaning</li> </ul>
<b>Application</b>	Education/ Corporate	Retail/ Education/ Corporate	Education/ Corporate	Education/ Corporate	Corporate
<b>Screen Size</b>	100"-300"	43", 55", 65", 75", 86"	65", 75", 86"	65", 75", 86"	110" (1.2mm) 137" (1.5mm) 220" (UHD 1.2mm)
<b>Wireless Collaboration</b>	Novo Connect				
<b>Digital Signage NovoDS</b>	NA	•	•	NA	•
<b>Display Resolution</b>	1080p	4K-UHD			1080p (110", 137") 4K-UHD (220")
<b>BYOD - Supported OS</b>	Windows, MacOS, iOS, Chromebook, Ubuntu				NA
<b>Native Screen Mirroring</b>	AirPlay, Chromecast	AirPlay, MiraCast, Chromecast			AirPlay, Chromecast
<b>Video Conferencing (BYOM)</b>	NA	Optional OPS upgrade	Optional	NA	NA
<b>Screen Duplication Over the Network</b>	1-way (NT Receiver)	2-way NT Live Receiver / Sender (Optional OPS Upgrade)	2-way NT Live Receiver / Sender	1-way NT Live Receiver (Available Q2 2023)	1-way NT Live Receiver
<b>Remote Manager</b>	•	•	•	•	•
<b>Over-the-Air Software Upgrade</b>	•	•	•	•	•
<b>Optional Launcher</b>	LauncherPlus, LauncherOne				





# NovoStage

## Wireless Collaboration for Windows

NovoStage is the wireless collaboration software for Windows users that turns any Windows device into a collaboration platform that enables multiple screens to present to the main display. It is ideal for information sharing and creates a collaborative meeting environment by combining video conferencing and content from Windows computers, tablets or smartphones. NovoStage is an agnostic platform that provides support for all operating systems and facilitates BYOD!



### BUSINESS

Create a collaborative meeting environment with any Windows-based flat panel displays.



### EDUCATION

NovoStage on a collaborative panel gives students the opportunity to participate in a discussion by sharing their device.



### WORKSHOP

With NovoStage on the trainer's laptop, it is easy to collaborate on-the-go, where the laptop serves as the core of the collaborative environment.

## Features and Benefits



Up to 40 participants can be connected simultaneously



Floating screen with quick layouts.



Instant 4K screen mirroring.



Connections through NovoConnect App, Software, web portal or Airplay®.



Supports USB Launcher



AES-256 encryption, and compliant with ISO 27001 international standard.



NovoStage

Features	<ul style="list-style-type: none"> <li>• Wireless collaboration software for Windows device</li> <li>• Up to 40 participants can connect</li> <li>• Up to 4 screens can be shared simultaneously</li> <li>• Advanced Encryption Standard AES-256 Bit</li> <li>• Supported 4K resolution</li> <li>• Over-The-Air software upgrade</li> <li>• Compatible with USB LancherPlus</li> <li>• Touchback supported</li> </ul>
<b>Application Edition</b>	Corporate/ Education
<b>BYOD Compatibility (Windows, macOS, Ubuntu, Android/ GoogleCast, iOS/AirPlay)</b>	•
<b>Simultaneous Connections</b>	40
<b>Simultaneous On-screen</b>	1,2,3,4
<b>Screen Mirroring</b>	iOS, NovoConnect Software / App, Web Portal
<b>Split-View</b>	Floating Screens and Quick Layouts
<b>AirPlay Discovery Enhanced</b>	•
<b>Meeting ID</b>	•
<b>Screen duplication over the network</b>	Wi-Fi
<b>Data Encryption AES-256</b>	•
<b>ISO 27001</b>	•
<b>Over-the-air Software Upgrade</b>	•
<b>Display Resolution</b>	4K-UHD
<b>Optional Launcher</b>	•

# Bring Your Own Meeting (BYOM)

Vivitek offers a BYOM driver as an upgrade to enable Novo devices to manage USB connected In-Room peripherals i.e. In-Room cameras, microphones and speakers to expand the capabilities of the NovoConnect Solution.



## BUSINESS

Enhance your video conferencing experience from your personal device by leveraging AV peripherals in meeting rooms.



## EDUCATION

Educational institutions can create a student-centric learning experience in a hybrid environment with BYOM.



# Features and Benefits



Optional BYOM upgrade.



BYOM Driver available for Windows and Mac.



No additional hardware is required or needs to be purchased.



Supports HID USB AV devices such as cameras, microphone and speakers.



App based remote control or Virtual remote control through App/ Software.



Seamlessly connect to In-Room AV devices.

## Two ways to Enable BYOM

Connect to the AV In-Room peripherals with NovoConnect software, Mobile App or the remote manager. No additional hardware is required.



NovoConnect Software



Remote Manager

## Supported Model

**Download BYOM Driver:**

<https://www.launchnovo.com/index/dsa>



NC-X700



NovoTouch



NC-X900



NovoDisplay

# NovoConnect Cloud

NovoConnect Cloud is a new addition to the Novo Ecosystem. The NovoConnect Cloud brings a hybrid collaboration solution with an equal opportunity to engage and contribute whether at home or at work. Connecting to a meeting or classroom is done the same way, wherever you are.

All participants see the same screen, and have the ability to work on the same content with a real time whiteboard to annotate the content. NovoConnect Cloud connects remote and on-site participants to businesses and education establishments in the easiest way.



## BUSINESS

Employees at different locations can present, share and collaborate on the same documents and save them to the cloud.



## EDUCATION

Teachers can join NovoConnect Cloud from a Novo device or laptop to ensure highly collaborative sessions that improve students' social and creative skills, facilitating group work. This enhances two-way learning between students and teachers.

# Features and Benefits



Cloud based presentation material storage and sharing.



Upload media content and YouTube links in collaborative workspace.



Real time collaborative whiteboard.



Simultaneously share multiple screens and collaborate.



Annotation tools pen, shapes, text-box, eraser, measuring and drawing tools.



# Wireless Presenting Simple and Easy to Connect



## NovoConnect Software and App

Simple and intuitive, the NovoConnect App enables you to mirror your phone/tablet to any NovoConnect device in seconds. For laptop users, the NovoConnect software lets users connect directly to the display.



## Launcher

The NovoConnect LauncherPlus is a USB plug-and-play device, which mirrors the laptop content to the main display to start the wireless presentation instantly. It is ideal for guests that don't have the NovoConnect software installed on their PC or Mac.



## WEB BROWSER

Instantly connect via the web browser to wirelessly share and collaborate from your laptop screen. [www.launchnovo.com](http://www.launchnovo.com)



## NATIVE SCREEN MIRRORING

Direct mirroring from Windows Miracast/iOS Airplay/Google Cast.



# Digital Signage

## NovoDS

Digital signage is an essential for businesses and industries that need to communicate effectively. Vivitek offers an affordable digital signage solution with NovoDS that is ideal for creating dynamic visual displays for corporate or public spaces.



### RECEPTION AREA

Employ digital signage for the reception area in a business office or hotel lobby to provide key information to your guests.



### BUSINESS SETTING

Digital signage boards make it easy to communicate and deliver crucial information, such as way finding, meeting schedules, project status, or to promote a company's brand, mission and vision.



### STUDENT OR TEACHER LOUNGE

Use the digital signage feature to communicate after-school programs, emergency updates, sporting events, or weekly lunch menus.

# Features and Benefits



4K UHD Resolution to deliver outstanding details and stunning visuals.



Easy to create signage content with predefined or flexible templates.



Support for a wide range of dynamic content from text, audio, photos, video to webpages, calendar, Twitter, RSS, weather, IP streaming, YouTube etc.



Supports portrait and landscape mode.



Cloud and local content management software for user friendly content creation.



SSL security for NovoDS Cloud



Centralised device management to allow administrators to manage NovoDS devices groups.



Developers can use API to manage playlists, device settings and monitor device operations.



# NovoDS Studio & Cloud

## Digital Signage

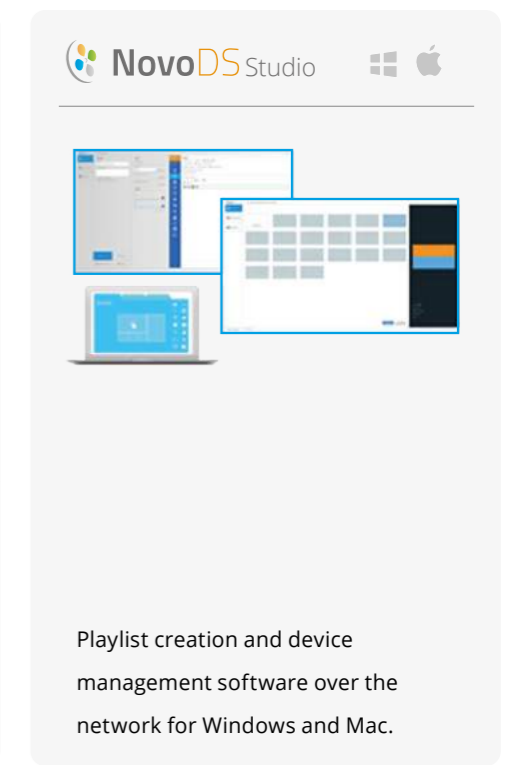
Create and manage your content from our powerful and easy to use software, NovoDS Cloud or NovoDS Studio. Choose between private or public cloud to take control of your digital signage deployment! Features like people counting widgets, bulletin boards and designer templates gives you a complete solution for your digital signage needs.



NovoDS Cloud

NovoDS Studio

<b>Key Features</b>	<ul style="list-style-type: none"> <li>• Cloud based service that enables device and content management of NovoDS players over the Internet</li> <li>• Role based access for design, publishing and management from anywhere</li> <li>• Widgets that Support user interaction</li> <li>• Designer templates for quick signage creation</li> </ul>	<ul style="list-style-type: none"> <li>• Support for a wide range of dynamic content from text, media, webpages, Calendar, Social media, RSS, weather, IP streaming, YouTube and more</li> <li>• Create and schedule playlists for individual devices or device groups</li> <li>• Update signage content of NovoDS devices over wired or wireless networks</li> </ul>
<b>Flexible Layout</b>	•	
<b>Multi-Page Playlist</b>	•	•
<b>Playlist Preview on Device</b>	•	•
<b>Designer Templates</b>	•	NA
<b>Interactive Widgets</b>	•	NA
<b>Roles Based Access</b>	•	NA
<b>Over-the-air Software Upgrade</b>	•	•
<b>Software APIs for System Integration</b>	•	•




**NovoDS DS100**

**NovoDS DS301**

**NovoDisplay**

**NovoTouch EK Series**

<b>Features</b>	<ul style="list-style-type: none"> <li>• 4K Digital signage player</li> <li>• Software to create, manage and publish digital signage content</li> <li>• Display content directly from the built-in storage, microSD slot or USB flash drive</li> </ul>	<ul style="list-style-type: none"> <li>• 4K (4K @ 60fps) digital signage player with outstanding details and stunning visuals</li> <li>• High performance web-browser engine (v.79 upgradeable) with excellent video decoding</li> <li>• Centralized remote management for deployment, monitoring and maintenance</li> </ul>
<b>Display Resolutions</b>	3840 x 2160 (16:9, 4K-UltraHD); 1920 x 1080 (16:9, 1080p at 60 fps); 1280 x 720 (16:9, 720p at 60 fps)	3840 x 2160 (16:9, 4K-UltraHD at 60 fps); 1920 x 1080 (16:9, 1080p at 60 fps); 1280 x 720 (16:9, 720p at 60 fps)
<b>Supported Output Orientation</b>	Portrait, Landscape	
<b>Input / Output Ports</b>	USB 2.0 Type A x1, microSD Card Slot, RJ45 x1, Power-Input (5V/2A) HDMI-Out v2.0 (HDCP v2.2 Compliant) x1, Audio-Out (3.5mm) x1	USB 2.0 Type A x1 USB Type C x1 microSD Slot RS-232 (3.5mm) Power Input (5V/3A) HDMI-Out v2.0 (HDCP v2.2 Compliant) x1 Audio-Out (3.5mm) x1 RJ45 x1
<b>Storage</b>	Internal: 8 GB (5.1 GB available for users) External: microSD Card Slot (Up to 32GB), USB Flash Drive (Up to 32GB)	Internal: 16GB (eMMC Flash) External: microSD Card Slot (Up to 32GB), USB Type A/C Flash Drive (Up to 32GB)
<b>Network Connectivity</b>	Ethernet: 10/100Mbps	WiFi: 802.11 AC (2.4 GHz & 5 GHz) Ethernet: 10/100/1000 Mbps
<b>Power Supply</b>	100 - 240V AC, 50/60 Hz, DC output: 5V@2A	100 - 240V AC, 50/60 Hz, DC output: 5V@3A
<b>Power Consumption</b>	<10W	15W
<b>Weight</b>	178g	296g
<b>Dimensions (L x W x H) (in mm)</b>	100 x 100 x 20	150 x 117 x 24.7

<ul style="list-style-type: none"> <li>• 4K Ultra HD Display to deliver outstanding detail</li> <li>• 50,000 hours of performance</li> <li>• Portrait or landscape installation</li> <li>• Backlit D-LED Technology offers brighter pictures and flawless colors</li> <li>• Seamless switch between NovoConnect Wireless Collaboration and NovoDS Digital Signage</li> </ul>	<ul style="list-style-type: none"> <li>• 4K Ultra HD Display to deliver outstanding detail</li> <li>• Designed with Optical Bonding for better annotation and readability</li> <li>• Seamless switch between NovoConnect Wireless Collaboration and NovoDS Digital Signage</li> <li>• Duplicate the NovoTouch screen across the network to multiple displays</li> </ul>
4K Ultra-HD (3840 x 2160)	
Portrait, Landscape	Landscape
HDMI v2.0(ARC, HDCP v2.2) x2 Audio-In (3.5mm) x1 RS-232 (RJ45) x1 Output HDMI-Out x1 4K@60Hz (Optional) USB-A x2 (Support up to 32GB) Audio-Out (3.5mm) x1 RS-232 x1 RJ45 x1	HDMI v2.0 x3, VGA-In x1 Audio-In (3.5mm) x1, HDMI-Out v2.0 x1 Audio-Out (3.5mm) x1, SPDIF-Out x1 LAN (RJ45) x1, RS232-In x1 USB-A 2.0 x2, Side USB-A 3.0 x3 USB-B 2.0 x2 (For Touch Port) USB-C 3.1 (Power 65W) x1 Bottom USB-A 3.0 x1 USB-B 2.0 x2 (For Touch Port)
Internal: 32GB (eMMC Flash)	Internal: 64GB (eMMC Flash)
WiFi: 802.11ac, b/g/n, 2.4GHz & 5GHz, 2T2R with 2 external antenna Ethernet (PoE): 10/100/1000 Mbps	Wifi: WiFi 6 802.11 a/b/g/n/ac/ax (2.4GHz/6GHz) USB dongle/ Built-in Ethernet: 10/100/1000 Mbps
AC 100-240V, 50/60Hz	
43": ≤140W 55": ≤140W 65": ≤170W 75": ≤380W 86": ≤450W	65": 300W 75": 400W 86": 450W
43": 9Kg 55": 15Kg 65": 28.5Kg 75": 41Kg 86": 77 Kg	65":40.2Kg 75": 52.2Kg 86": 65.75Kg
43": 969.9 × 558.3 × 84.8 55": 1,243.2 × 714 × 69.6 65":1,476.7 × 851.7 × 79.8 75":1,714.2 × 992.4 × 97.2 86": 1,926.6 × 1,103.6 × 79.6	65": 1,488.7 × 897 × 92 75": 1,709.39 × 1,020.05 × 91.2 86": 1,957.4 × 1,160.1 × 91.4

# Display Solutions

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# Delta Display Solutions

Delta Display Solutions, a division of Delta Electronics, is a pioneer in developing professional displays for a variety of applications in command and control, surveillance, retail and for corporate use.



Control Room



Retail



Corporate



Higher Education



Entertainment



Transportation



## Video Wall Applications



DLP Rear-Projection Cubes or LED Video Wall in Control Rooms

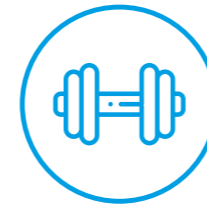


LCD Narrow Bezel Displays or LED Video Wall in Meetings Spaces



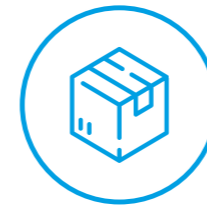
LED Video Wall Indoor and Outdoor or Narrow Bezel LCD in Signage & Entertainment

## Delta Advantages



### Company Strength

Delta stands for energy saving hardware components with software solutions backed by a professional team with R&D, manufacturing, quality control, system integration and after-sales capabilities.



### Product Advantages

Durability is key for Delta. Longevity, reliability, outstanding display performance, innovative design and product craftsmanship with high energy efficiency.



### Cost-Performance Ratio

Delta products are designed to provide the best possible performance and quality in its class paired with a sensible pricing to optimise for CAPEX and OPEX.



### Quality Assurance, Local Service & Support

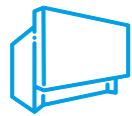
Comprehensive pre- and after-sales service and support, product training, and short response time.

From technical considerations or unique installation requirements, a multitude of factors are involved in the display setup. Our expert team of engineers handles these complexities to deliver a clear and precise quote for a specific installation, guaranteeing a perfect outcome. When technical assistance is required, Delta's staff go the extra mile to resolve any issues our customers may have.

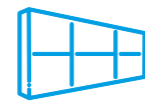


## Build a Video Wall

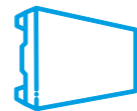
Delta offers a wide range of solutions for the visualisation of computer-based information: Laser/LED Rear projection systems, LED SMD/COB cabinets and UNB/XNB/ENB Narrow Bezel LCD displays are available.



**DLP Rear-Projection Cubes**



**Narrow Bezel LCD**



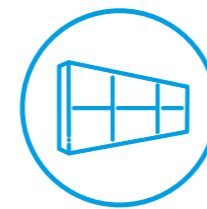
**LED**

0.2 mm with rear access	UNB 3.5 mm + instalation gap	0.0 mm of gap
1.0 mm with front access	XNB 1.5 mm + instalation gap	
	ENB 0.9 mm + instalation gap	



### DLP Rear-Projection Cubes

Rear projection systems are another opportunity to build video walls. The basis of a rear projection unit is a short distance projector with a laser or LED light source that is projected onto a rear projection screen via a mirror. The Laser and LED projectors offer a long service life. This ensures that static images can be visualised over the entire life of the unit of MTBF 100.000 hours, without impairing the life of the unit. The Cube video walls are available with an aspect ratio of 4:3, 5:4, 16:9, 16:10 with diagonals of up to 80". The video walls based on the Cube technology require more space in terms of depth.

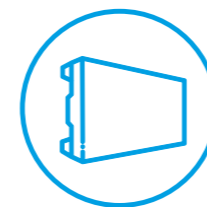


### Narrow Bezel LCD Displays (UNB/XNB/ENB)

The Narrow Bezel LCD displays are the most favorable solution in digital signage and industrial applications. For video wall applications with an aspect ratio of 16:9, the most common diagonals are 49" and 55" displays. For dynamic and static images, Narrow Bezel LCD video walls have a long service life quality (MTBF times 50.000 hours).

Delta offers UNB/XNB/ENB Narrow Bezel LCD displays for video walls with a Bezel to Bezel / BtB of 3.5 mm, 1.9 mm and 0.9 mm

During mounting, there must be air all around and between the individual Narrow Bezel LCD displays, so that the seam between the pictures are a little wider.



### LED SMD and LED COB cabinets

LED technology offers the display of static/dynamic images without image degradation. The service life is high (MTBF 100000). With LED cabinets in different sizes, flat and curved shapes can be realised.

# General Video Wall Setup



## DLP Rear-Projection Video Wall Cubes

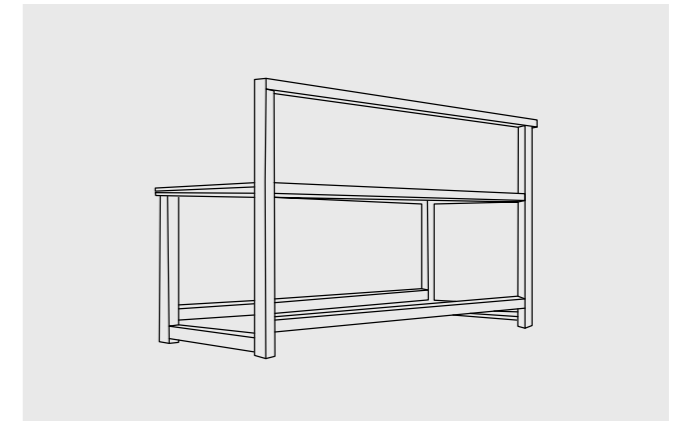
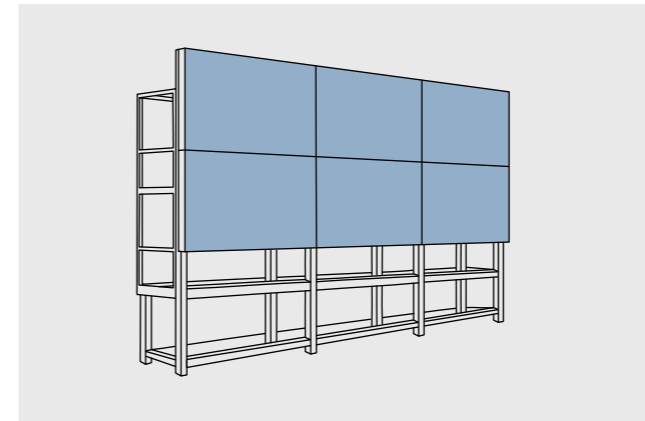
Delta's video wall cubes in DLP and laser-phosphor technology are an ideal solution for 24/7 mission-critical control rooms where downtime is not an option.

Video wall cubes in WUXGA, Full HD and UHD 4K resolution and laser-phosphor technology are designed especially for control room environments. Video source, camera and content are increasingly provided in UHD 4K, while Delta's UHD 4K monitoring map area can be up to four times wider than Full HD offerings making it perfect for control rooms where detail is key.



## DLP Rear-Projection Cubes Video Wall Set Up

The Delta DSS Cube basic frames are made of aluminium system profiles. This choice of material makes it possible to offer customised frames within short lead-times. The Truss system ensures flexibility with easy shelf integration for AV and IT equipment. This can be positioned in the cubes' basic frame area, allowing for easy cable management and power socket integration into the profile construction.



*Delta DSS EMEA Laser and LED Cube Video Wall Solutions*

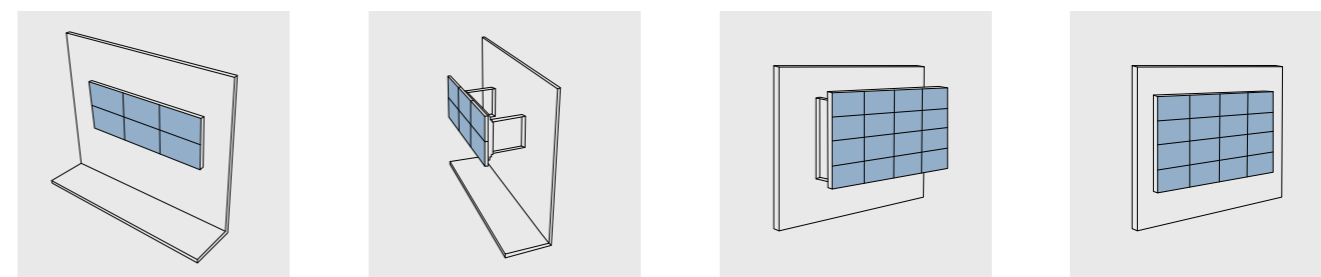
## Narrow Bezel LCD Video Walls

Delta's LCD video wall displays are an ideal solution for space-constrained control rooms, crisis rooms, board rooms and Digital Signage Applications. LCD displays can be united to achieve virtually any screen size, setting a new standard for large format, high-impact display solutions. Built with high quality industrial grade components for demanding applications, the LCD displays deliver unsurpassed image quality with an incredible colour depth and contrast.



## Narrow Bezel LCD Video Wall Set Up

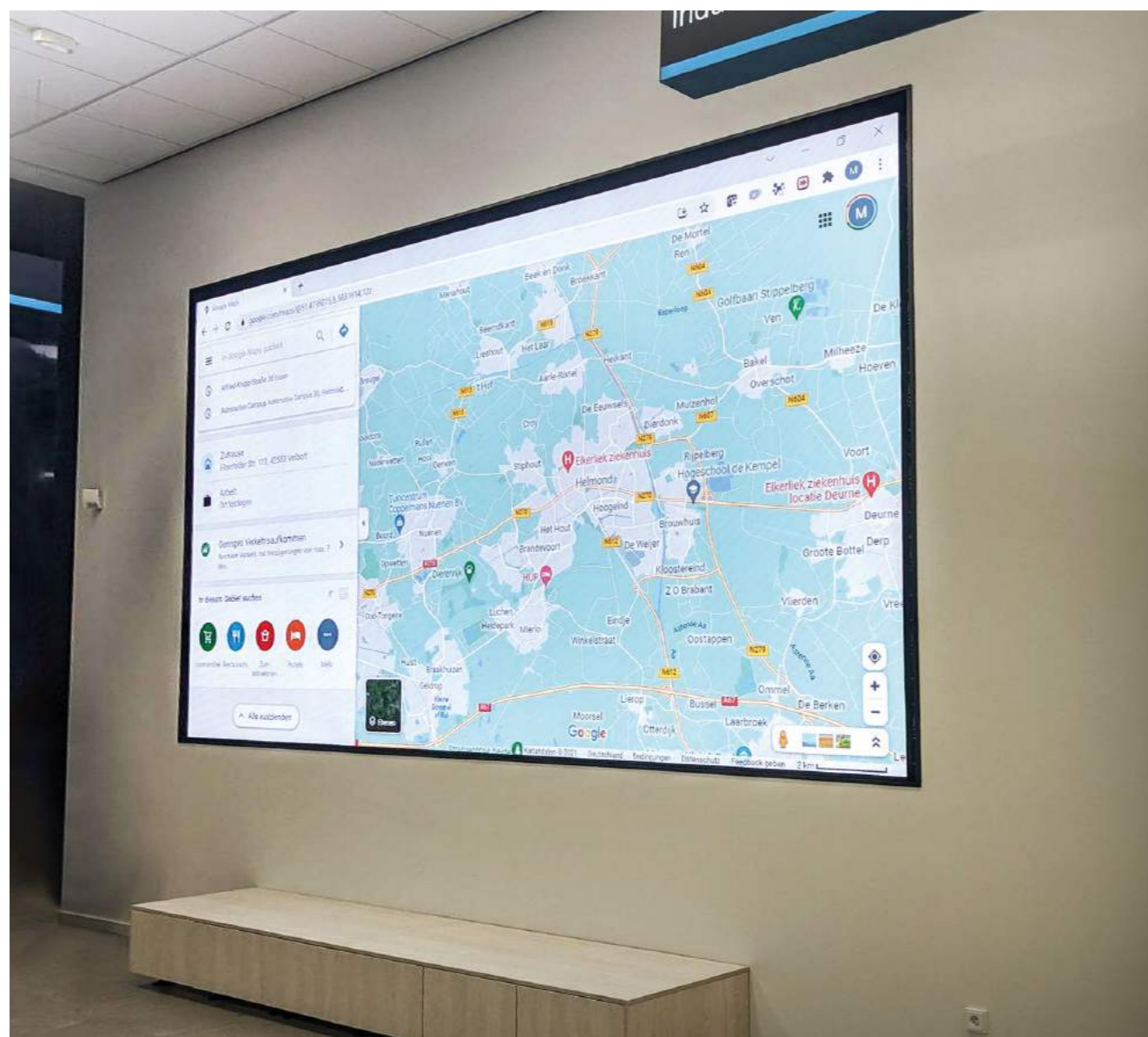
Various mounting systems are available for the installation of Narrow Bezel LCD based video walls. The most common solution for this application is the so-called Click Out video wall mount, where individual displays can be moved out of the wall in order to replace them in the event of defects. An alternative to this solution is parallelogram mounts, where the entire video wall can be removed from the wall to give easy access for after sales service teams. Furthermore, this solution provides excellent cabling options, as well as easy installation of AV and IT equipment.



*Delta DSS EMEA UNB, XNB and ENB Narrow Bezel LCD Video Wall Solutions*

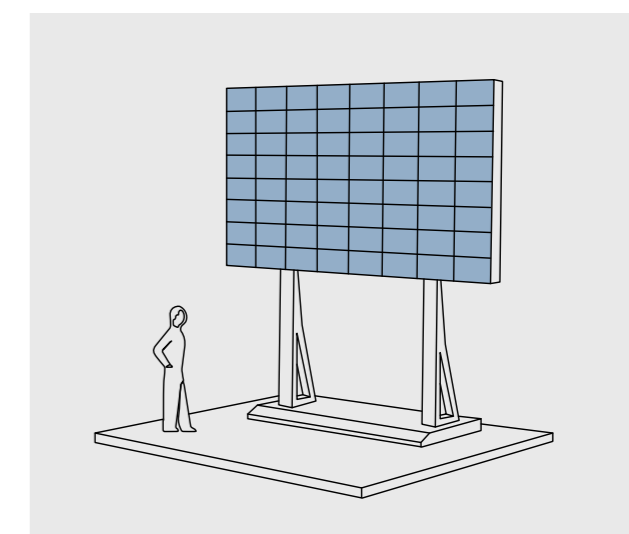
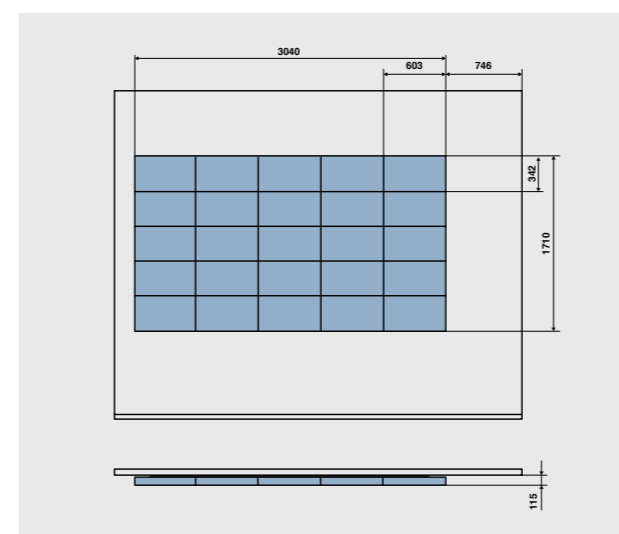
## COB LED Video Walls

LED video walls are increasingly popular in public viewing spaces, control rooms and even boardrooms. The Delta LED CO Series is our video wall solution that offers a seamless, perfect image that stays sharp even up-close, thanks to the very small pixel pitch sizes. The screen is dust and waterproof, which makes it easy to clean. The COB (Chip on Board) technology used is very rugged and unlikely to be damaged during installations, which is quick and easy to conduct.



## LED Video Wall Set Up

Parallelogram mounts are available for LED video walls and ensure a flat surface for the LED video wall. For installation and service purposes, the LED video wall can be easily removed from the wall and the individual LED modules can be adjusted.



Delta DSS EMEA LED SMD and LED COB Video Wall Solutions

# Video Wall Controller

Delta's Video Wall Controller supports any type of multimedia content perfectly, regardless of the display configuration. The data arriving simultaneously from multiple sources can be presented across several displays as one large image, separate images or as a combination of both. Different types of controller options provide the right solution to meet any requirements.



## matriXpro

matriXpro is a multi-screen graphic Video Wall controller. With this configurable solution, you can control and manage multiple cubes to form one large screen called a "video wall" or a "data wall". It is designed for capturing, displaying and managing different multimedia sources.



### matriXpro multi | vis COCKPIT

#### MULTI VIS Control

This is a lightweight and multiplatform web solution, which integrates all visual resources into a single canvas, such as BI data, demote desktops, virtualised environments and IP cameras, all with simultaneous mouse and keyboard operation, using high-end encryption for every communication.

### matriXpro multi | vis CONTROL

#### MULTI VIS Cockpit

MULTI VIS Cockpit is a unified operation platform for command centres, creating an incredible live canvas, local and remote control room processes and corporate applications (ERP, e-mail, MS Office etc.).

### matriXpro multi | vis MEETING

#### MULTI VIS Meeting

MULTI VIS Meeting is a unified visual platform that every corporate room needs, combining wireless screen sharing, one-touch-start video conference, YouTube and dashboard apps - all in one display with content auto-adjustment.





## Digital Convergence Platform - Applications

Embedded	Compact	Server	Server High-End
Hardware: Intel Core i3 Embedded Form Factor	Hardware: Intel Core i7 Compact Tower	Hardware: Intel Xeon Series Rack 2U	Hardware: Dual Intel Xeon Series Rack 2U
<b>matriXpro</b> multi vis MEETING	<b>matriXpro</b> multi vis MEETING <b>matriXpro</b> multi vis CONTROL	<b>matriXpro</b> multi vis CONTROL	<b>matriXpro</b> multi vis CONTROL
Up to 1x 4k UHD display or up to 4x FHD displays	Up to 1x 4k UHD output or up to 4x FHD displays	Up to 4x 4k UHD displays or up to 16x FHD displays	Up to 16x 4k UHD displays or up to 64x FHD displays
Up to 1x HDMI Input (USB)	Up to 4x HDMI Inputs	Up to 8x HDMI Inputs	Up to 16x HDMI Inputs
Video Conference Integration	Low Complexity Applications	Up to 12x Remote Machines Up to 12x h.264 Streamings	Up to 24x Remote Machines Up to 24x h.264 Streamings

**matriXpro**  
multi|vis MEETING

**matriXpro**  
multi|vis CONTROL

**matriXpro**  
multi|vis COCKPIT

	<b>matriXpro</b> multi vis MEETING	<b>matriXpro</b> multi vis CONTROL	<b>matriXpro</b> multi vis COCKPIT
<b>Control Rooms</b>		•	•
<b>Fusion Centers</b>		•	•
<b>Network Operations Centers</b>		•	•
<b>Security Operations Centres</b>		•	•
<b>War Room</b>	•		
<b>Board Rooms</b>	•		
<b>Auditorium</b>	•		
<b>Meeting Rooms</b>	•		
<b>Video Conference Rooms</b>	•		

Wireless Screen Share | Dashboard | Youtube | Web Applications | Remote Pointer | SSL Encryption





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2023-1H-Jan