



# Visual Display and Presentation Products

10 years in EMEA



# Visual Display and **Presentation Products**

Vivitek, a brand of Delta, is a leading manufacturer of visual display and presentation products. The company's extensive lineup of award-winning digital projectors, collaboration solutions and digital signage devices incorporate the latest innovations and technologies to deliver superior products.

Vivitek has global sales and marketing operations in Europe, the Middle East, Africa, Asia and the Americas, and is renowned for providing the industry's best warranties and innovative solutions.

Delta, founded in 1971, is a global provider of power and thermal management solutions and a major player in several product segments such as industrial automation, displays, and networking. Its mission statement, "To provide innovative, clean and energy-efficient solutions for a better tomorrow," focuses on addressing key environmental issues such as global climate change. As an energy-saving solutions provider with core competencies in power electronics and innovative research and development, Delta's business domains include Power Electronics, Automation, and Infrastructure.

Delta has 169 sales offices, 69 R&D centres and 37 manufacturing facilities worldwide.

dedication to corporate social responsibility.

Since 2011, Delta has been listed on the DJSI World Index of Dow Jones Sustainability<sup>™</sup> Indices for eight consecutive years. In 2017, Delta was Throughout its history, Delta has received many selected by CDP (formerly the Carbon Disclosure global awards and recognition for its business Project) for its Climate Change Leadership Level achievements, innovative technologies and for the second consecutive year.





# Projection and Display Solutions for Every Application and Budget

# Projectors

Years of successful product and technology innovations, have resulted in innovative, high quality products for a variety of userneeds, ranging from large venue, business, education and home entertaining.



Throughout the years, Vivitek has come to understand the unique challenges of every market and applies that knowledge into products designed to excel in a wide variety of environments.

# **Digital Signage**

NovoDS digital signage is a very affordable and easy to manage solution which is ideal for creating dynamic visual displays for a corporate or public space.



# NovoConnect Collaboration Solution

NovoConnect collaboration solutions allow interactive, collaborative, and productive meetings. NovoConnect transforms conference rooms into a true collaborative spaces.



# Video Wall Solutions

Vivitek's parent company Delta, offers a wide selection of off-the shelf visualization products 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









Education



Corporate



Home Cinema & Entertainment



**Display Solution** 

# Large Venue



# Large Venue & Mapping

With customers and their diverse application requirements in mind, Vivitek strives to address these unique needs with a broad range of display technologies and projectors.

Vivitek projectors captivate audience in venues where the show can't stop and reliability is key. With Vivitek projectors many different stunning environments can be designed. Unprecedented image clarity and brightness, built for intensive use, and a low cost of ownership provide venues with a highly reliable and interactive experience.

# ter buson

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

Lava Centre offers an interactive, high-tech educational exhibition depicting volcanic activity and earthquakes. Today with 15 Vivitek's laser projectors and a wide range of lenses the Lava Center demonstrate the volcanic elements and ensures an unforgettable and realistic guest experience.







# Robust Anti-Dust Sealed **Optical Engine Design**

The projector's reliability is ensured thanks to its air tight sealed optical engine which eliminates negative dust impact and increases light efficiency. The benefit to end users of it being air-tight, is that tiny dust particles cannot get into the optical engine part, and thus not able to interfere with the DMD chip, which makes the projector much more robust. A further advantage is the improved light efficiency, as the light path to the DMD is not affected by dust particles, which ensures a higher brightness level.





# **Constant Brightness Feature**

The projectors are equipped with smart sensors, constantly measuring the light output and adjusting the illumination accordingly to maintain consistent brightness at a predefined level. This helps to reduce the recalibration cycle of an edge blending project.



# Laser

Vivitek's laser series includes high performance projectors that can be relied on to create an unforgettable and realistic experience, while providing reliability, durability and ease of use. Laser projectors are capable of maintaining brightness and colour consistency over long periods of use, making them an excellent long term proposition. Flexible to use, with high brightness and low total cost of ownership, laser projectors have quickly become the optimal projection choice for a diverse range of applications.



# 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 remember the Roman history of the city, eight edge-blending projectors were used. The projected image created dramatic effects to evoke the historical Roman themes.



# Large Venue & Mapping

TARGET

DURABILITY

FLEXIBILITY

FEATURES

RANGE





DU9000Z Series	<b>DU8000Z Series</b> 8,000 – 13,500 Lumen
WUXGA	WUXCA
	Large Venue & Mapping
	Museum, Auditorium or Large Room
	Laser Light Source
	Anti-Dust Sealed Optical Engine
Liquid (	Cooling System & Superior Thermal Technology a
	24/7 Operation & 360° Projection
5 Optional Lenses	٤
	Motorized Lens shift & Zoom & Lens Position M
Ima	ge Adjustment – Ceometry, Keystones, 4-Corno
	Built-In Edge Blending
3C-Si	DI & HDBaseT for long Signal Transmission withou
Customizable B	rightness Level & Constant Brightness Function t
1	DICOM Simulation Mode for Medical Training and
	Picture-In-Picture Function for Multi-Sour
	Auto Power Off - No Signal Power Off
Special Rental Usage Lock	
Vivitek's flagship projectors. The first super high brightness laser projectors with Single-Chip DLP	Laser projector range from 8,000 to 13,500 lun covering different needs of installation projects
<ul> <li>Special rental partner feature to customize</li> <li>brightness level and lock it with time lock for the rental period</li> </ul>	Proven outstanding light efficiency and perform
<ul> <li>DU9821Z: 21,000 lumen</li> <li>DU9800Z: 18,000 lumen</li> </ul>	<ul> <li>DU8195Z: 13,500 lumen</li> <li>DU8193Z: 12,000 lumen</li> <li>DU8190Z: 10,000 lumen</li> <li>DU8090Z: 8,000 lumen</li> </ul>





**DK Series** 7,500 – 10,000 Lumen 4K-UHD

and Performance

8 Optional Lenses

Memory

or Correction

ut Compromise

to Reduce Re-Calibration

d Seminars

irce

Every detail matters - full 8.3 pixels on the screen deal for museum application • DK10000Z: 10,000 lumen • DK8500Z: 7,500 lumen



# **INSTALLATION PROJECTORS**

# Conference and Meeting Rooms

With a diverse projector line up, Vivitek serves conference rooms to large venues. Reliable and feature-rich projectors amplify presentations with impactful and clearly defined visuals.



9800 – Meeting roomVivitek offers powerful, feature-rich<br/>projectors so every audience member<br/>can appreciate your presentation.



D3600Z Series



# **INSTALLATION PROJECTORS**

# How to Choose the Right Projector for the Meeting Room

Choosing a new projector can be a complicated process. To narrow down what may seem like an impossibly long list of options, here are four things to consider when choosing a meeting room projector.



Projectors are available in a wide variety of sizes, Size ranging from large, high-end units to small portable units. If you plan on installing the unit in a conference room, consider a larger ceiling-mounted unit. The interior design and ceiling height of the meeting room are also factors to think about. A compact size projector has a small footprint, meaning it is ideally suited for use in meetings and lessons because it is not burdened by any unnecessary bulk, which can be a factor in full and busy rooms where space is at a premium.

Projectors are available in a wide variety of Resolution resolutions, from XGA to WXGA, to 1080p, WUXGA, and 4K-UHD. It's best to start by thinking about how the projector will be used. Larger screens and video content are better suited to 1080p projectors, while 4K-UHD projectors are the new trend for very large screens or graphically-intense multimedia content.





Brightness The brightness you need depends entirely on where you intend to use the projector. For typical use in a mid-sized meeting room, consider looking at least 4,000 to 6,000 lumens, or even higher for spaces receiving more natural light.

Connectivity Last but not least, don't forget to consider what kind of computer, mobile device, or media source you'll be using and how to connect it to the projector. If you anticipate the need to connect your projector to a range of different devices, think about adding wireless connectivity, such as Vivitek's NovoConnect to connect multiple devices wirelessly.



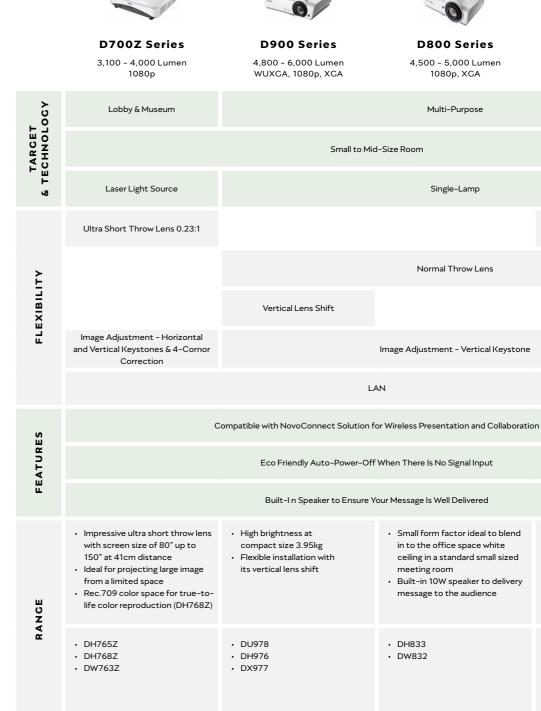




# Meeting Room & Installation

### Compact & Multi-Purpose

	IO	IOT	10:	:0.	· 0: 1	10m		
	D6600Z Series	D6700 Series	D7000Z Series	D5600 Series	D4000Z Series	D3300 Series	D3600Z Series	
	7,000 Lumen WUXGA	6,500 Lumen WUXGA	6,000 Lumen WUXGA	6,200 Lumen WUXGA	5,000 - 5,500 Lumen WUXGA, 1080p	5,000 - 5,500 Lumen WUXGA, 1080p	4,000 Lumen 1080P	
TARGET			Corpor	rate Meeting Room Inst	allation			
ТАР		Mid to Large M	Meeting Room		Mid-Siz	e Room	Small-Size Room	
LITY	Laser Light Source	Dual-Lamp	Laser Light Source	Single-Lamp	Laser Light Source	Single-Lamp	Laser Light Source	
DURABILITY	Anti	-Dust Sealed Optical E	ngine		Anti	-Dust Sealed Optical E	ngine	
۵		Optional Lens				Fixed Lens		
ΙΓΙΤΥ	Motorized Lens Shift & Zoom Manual Lens Shift & Zoom							
FLEXIBILITY	Image Adjustment - Horizontal and Vertical Keystones & 4-Cornor Correction							
ш		2	-	Cabling Installation				
ES		Compa		n Mode for Medical Trai	Presentation and Collab	poration		
FEATUR				-Power-Off When The	-			
Ш					to Ensure Your Message	e is Well Delivered		
RANGE	<ul> <li>Advanced thermal performance</li> <li>Super silent laser installation projector at only 32dB normal mode</li> </ul>	High efficiency dual-lamp projector for mission critical presentation	<ul> <li>Ideal laser projector designed for office space and comes in white and black chassis</li> <li>Rec.709 color space for true- to-life color reproduction</li> </ul>	<ul> <li>First choice as interchangeable- lens lamp projector to fit different installation distance</li> </ul>	<ul> <li>Compact sized laser projector with fixed lens at 1.15–1.90 throw ratio, covering major meeting room set up</li> </ul>	Compact lamp projector with fixed lens at 1.25 - 2.13 throw ratio to fulfill standard meeting room	<ul> <li>NovoProjector with built-in NovoConnect Solution for All-in-One wireless presentation &amp; collaboration solution</li> </ul>	
	• DU6693Z	• DU6671	• DU7095Z	• DU5671	• DU4671Z • DH4661Z	• DU3341 • DH3331	• DH3665ZN • DH3660Z	





### **D800** Series 4,500 - 5,000 Lumen

1080p, XGA

Multi-Purpose



### **D200** Series 3,200 - 3,500 Lumen 1080p, WXGA, XGA, SVGA

Single-Lamp

Short Throw Lens

Normal Throw Lens

Image Adjustment - Vertical Keystone

- Small form factor ideal to blend in to the office space white ceiling in a standard small sized meeting room
- Built-in 10W speaker to delivery message to the audience
- DH833
- DW832
- DX281-ST

• Highly portable at only 2.6kg.

Short throw lens provides

Easy for storage when not in use.

flexibility at small office space

- DH268
- DW265
- DX263
- DS262



# Home Cinema

Vivitek offers professional grade projectors specifically designed for an immersive home entertainment experience. Our projectors feature the latest innovations in projection Vivitek H1188

# Home Cinema



H1188 2,000 Lumen 1080p

TARGET	Home Entertainment
	Ideal for Large and Vivid Projection to Enjoy Your Favorite Movies and Shows
	Manual Lens Shift for Easy Placement
FLEXIBILITY	Quick Image Adjustment with Vertical Keystone Correction
FLEXI	12v Trigger to Link with Other Equipments
	Convenient Built-In 10W Speaker
FEATURES	Motion Enhancement with VividMotion Frame Interpolation Function Reducing Motion Judder to Create a Fluid and Flawless Video
	Sharpness Enhancement with VividPeak Function Improving Edges and Clarifying the Texture and Appearance to Create Fine Details
	Customize the Color to Your Taste with Advanced Color Management
	Compact Sized at 3.15 Kg to Perfectly Fit into Your Living Room
	Sealed Optical Engine to Minimize the Impact of Dust

home theater enthusiasts.

technology, making Vivitek a brand of choice for





# Home Entertainment and the Ultimate Portability with Qumi

The Qumi is a feature-rich, multimedia pocket projector series with an ultra-light and thin profile. Business travelers and home entertainment enthusiasts will find Qumi to be the ideal portable companion. Qumi is available in a wide variety of exciting colors that pop as bright and dazzling as the images they project.



### Home Cinema

Qumi is ideal for those who want to create a home cinema but without the cost, complexity or thze permanent presence of having a large TV installed. It's suited to rooms and spaces of all sizes.



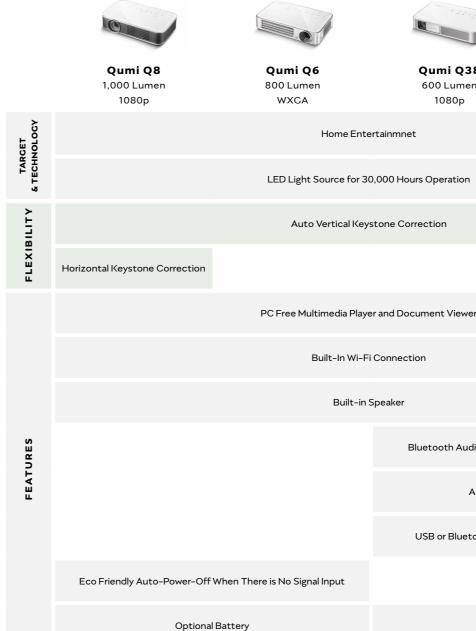
### **Entertainment and Gaming**

Qumi series make it easy to gather with friends and enjoy time spent in front of the big screen, sharing pictures, movies or enjoying gaming without any constrains. The Qumi Q38 boasts full flexibility with an embedded battery that lasts up to two hours

Business With Qumi business on-the-go is made possible thanks to high quality performance and is easy

to set up for your presentation in any meeting space.

Home Entertainment





Qumi Q38 600 Lumen 1080p



Qumi Q3 Plus 500 Lumen HD720p

Bluetooth Audio-Out to Connect to External Speake

Android Operating System

USB or Bluetooth Mouse & Keyboard Compatibility

Embedded battery



# Education



From the classroom to the university lecture hall, Vivitek projectors help teachers capture the attention of their students, convey information, and guide collaborative discussions. The interactive projectors provide the perfect motivator for effective student participation.

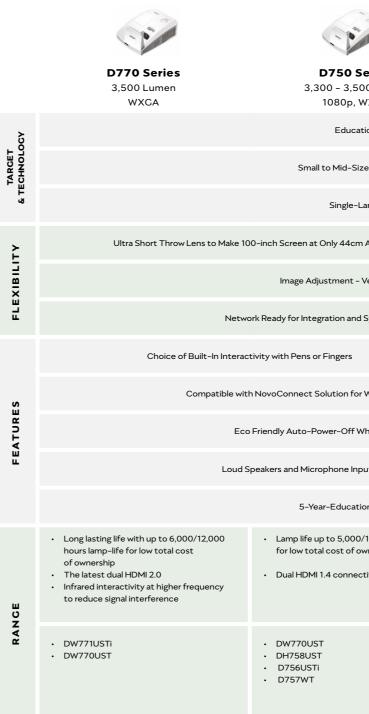
Vivitek's line of interactive projectors enable teachers easily interact with students, using pen or finger-touch interactive capabilities, to enhance the learning experience.

### **Education Warranty Program**

Investigating in projection equipment is an important decision. With an industry-leading 5 warranty program for all education institutions EMEA region, our projectors are recognized for quality, performance and reliability. For more information visit: http://www.vivitek.eu/support/warranty/

# YEARS

### **Education Projectors**



	0
<b>eries</b> 00 Lumen VXCA	<b>D800ST Series</b> 3,300 – 3,600 Lumen WXCA, XCA
ion	
e Classroom	
amp	
Away	Short Throw Lens
Vertical Keystone	
System Administration vi	aLAN
Wireless Presentation an	d Collaboration
/hen There is No Signal In	put
ut Ensure You are Clearly	Heard
on-Warranty	
'10,000 hours wnership tivity	<ul> <li>Short throw ratio at 0.52:1 and 0.62:1, making 100" screen at around 1 meter more distance</li> <li>Light weighted at just 3.2kg for easy portability</li> </ul>
	<ul> <li>DW882ST</li> <li>DX881ST</li> </ul>



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# **PROJECTORS & WIRELESS PRESENTATION**

# Wireless Presentation & Collaboration Turns Classrooms Into Collaboration environments

Whether it's a teacher delivering a lesson, explaining the study goals for the week, or students sharing homework results with their fellow classmates, connecting and sharing content is quick and simple. Nowadays social media, videos and other online resources are a vital part of the educational experience. Vivitek's NovoConnect Collaboration Solution allows students to contribute during the lecture, while keeping educators and administrators in full control of content.



NovoCast

NovoCast brings wireless presentation to the fluid exchange of thought and encourages classroom in order to improve participation, collaboration and sharing of ideas for up to eight participants. This device is a perfect solution for all educational needs. It creates a common creative space, improves the





# Connect

Connect to share content and mirror any device directly onto the big screen in meetings and lectures.



Teach

Work with up to 64 participants sharing screens from up to four devices with cross-platform screen mirroring

h

Share

Share ideas and files instantly with all participants, so no one is out of the loop.



# **NOVO CONNECT SOLUTION**

# NovoConnect Collaboration Solution

# Presentation & Collaboration Solution for Conference & Meeting Rooms

Optimized to meet the technical and logistical challenges of corporate environments, Vivitek display and collaboration solutions aim at coordinating teams and ensuring effective collaboration. From small brainstorming sessions to big board meetings, NovoConnect in combination with Vivitek's projectors offers an effective way to collaborate.

# Direct connection with Launcher

Using Launcher guests or team members can instantly connect to the NovoConnect unit from their laptops without installing any software. A choice of all three models: **LauncherOne, LauncherPlus** and **LauncherPlus USB-C** can be used to accommodate different user needs in the meeting room, for guests or for internal staff.

**LauncherOne** is specifically designed for companies with strict Data Loss Prevention (DLP) and IT security policies that lock USB ports for storage devices. The LauncherOne enables meeting connectivity and collaboration while maintaining full data integrity and network security.



# CONNECT With NovoConnect room can connect content to the main content content to the mai

NovoConnect comes with function that allows presenters to control any application on a laptop without using the computer mouse.

# NovoProjector

The newest addition to Vivitek's collaboration range is the NovoProjector. A new generation of smart projector designed for corporate meeting rooms that matches high performance with a compact and small footprint, and also up to 20,000 hours of operation thanks to its laser light source. The wireless collaboration NovoConnect Solution is embedded within the projector and offers flexibility and ease of use.

With NovoConnect Collaboration solutions anyone in a meeting room can connect their tablets, phones or laptops present content to the main screen and collaborate.

When it comes to collaboration sessions, more participants means more valuable opinions and more great ideas. To support as many simultaneous users as possible, NovoConnect can accommodate up to 64 connected participants

and can display up to four screen mirrors across a single display. This allows for easy comparing across screen sources and for everyone in the room to get involved in discussions.

The presenter of the content can choose to use the annotation option or the polling and voting feature.



# **NOVO CONNECT**

# NovoTouch Flat Panels

# NovoTouch Collaborative and Interactive Flat Panels

NovoTouch is a powerful collaboration solution that is ideal for conference rooms, meeting areas and corporate lobbies. NovoTouch Flat Panel is an all-in-one premium choice featuring an interactive screen available in various sizes.



- 4K-UHD (3,840 x 2,160) resolution for outstanding details and stunning visuals
- Complete range of sizes from 65", 75", 86", to 98" with LED backlit technology for brighter picture, longer life and lower energy cost
- An anti-glare surface improves the screen visibility in high ambient light environments and a thick toughened glass provides added protection against screen damage

Equipped with Vivitek's NovoConnect Solution, NovoTouch panels offer an advanced approach to group work in an all-in-one display. Featuring digital annotation and wireless capabilities, NovoTouch seamlessly connects users to one display, using technology that allows ideas to flow naturally.

- Connect up to 64 users and display up to four screens, simultaneously, on a large format display
- Built-in whiteboard and touch panel capabilities
- On-screen annotation, mark-up and wireless distribution
- Native screen mirroring via AirPlay and Google Cast
- Dual network support for separate or parallel wired and wireless connections for ultra secure networks
- Optional Accessory: LauncherPlus, a USB device that provides tactile operation
- Reduces clutter and promotes a cable-free workplace with Wi-Fi connection and wireless file sharing

NovoTouch also comes with the NovoDS Solution built-in, which can be used as a digital signage display when a meeting is not in session. Additionally, Vivitek's NovoDS Cloud's new on-premise capabilities enables compatibility with a company's own cloud service.





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Wir	eless Collabora	tion Series				Opti	onal Launcher Series	
	NovoTouch Series	NovoProjector	NovoEnterprise	NovoPro	NovoCast		LauncherOne	
	All-ir	i-One		Stand Alone Unit		F		
	Collaborative Touch Flat Panel	Smart Laser Light Source Projector Display	Enhanced Hot Spot Antenna for Guests	Integration into Existing Corporate Network	Hot Spot Antenna for Education	TARCET	Ideal for Corporations with Strict IT Policy and Full Data Lost Protection Compliant Employee Laptops	
ТҮРЕ	Small to Mid-Size Meeting Rooms, CEO Office, Huddle Rooms, Ideal for Collaboration and Brainstorming Sessions	Mid-Size Meeting Rooms. Bright 4000 lumen FullHD Projector Ideal for Large Image Above 100" Size	Integrate with Existing Display Equipment, Such as Projectors. Suitable for Large Meeting Rooms, Cuests Access Discussion Rooms, in Space Where an Enhanced Wi-Fi is Required	Integrate with Existing Display Equipment, Such as Projectors. Suitable for Every Meeting Rooms from Small to Large, with LAN Integration	ldeal for Classroom Usage, Especially When Wi-Fi is in Need		Usage Without Administr Driver free - HID Direct F	
		Corpora	ate Mode			USACE		
		Corport	Education Mode			5	Cross Platform Capability - V	
		Cable-Fr	ee Wireless Presenting & Screen	Mirroring		Special Ubuntu 18.04 Support		
WI-FI PRESENTINC			Display 4 Users Simultaneously				Built-In Wi-Fi 802.1	
RESE		Up to 64 F	Participants		Up to 8 Participants			
VI-FI F		Cross Platform Capa	ability - Windows, macOS, Andro	id, Chromebook, iOS		ES	Direct Wireless Mirroring to the Main I	
,			ntenna for Enhanced Wi-Fi Hot			ATURES	Zero Network Traffic	
TION	NTI iveSe	Co reen – Screen Duplication for Mu	llaboration with AirNote Annotat	tion		Ш Ц	Data Security with AES-2	
ORA	Digital Whiteboard	een – screen Dupication for Mi						
OLLAB	– Streamline Your Ideas NT Minutes - Snapshot & Recording						Available with USB-A C	
00	G. 100012115				Moderation and Preview Keep Teachers in Control of the Classroom			
۲.		Dual Network	Security to Separate Wi-Fi and (	Corporate LAN		RANCE		
SECURITY		Corporate Grade A	AES256 Encryption			R		
SE	C	Optional Launcher Series Suppo	ort for Quick Wireless Connectio	n			•WQL-340EUV	
RANCE	• LK6530i: 65" 4K-UHD • LK7530i: 75" 4K-UHD • LK8630i: 86" 4K-UHD • LK9820i: 98" 4K-UHD	• DH3365ZN: 4,000 lumen, 1080p, long lasting 20,000 hours laser light source	• NE3000	• NP2000	• NC1000			



### Ideal for Companies Seek Quick Wireless Presenting and Suitable for Cuests Visits

istrator Privilege

ct Plug and Play

- Windows, macOS

02.11 b/g/n

ain NovoConnect Series Unit

affic Impact

5-256 Encryption

-A Connector

Available with USB-C Connector

USB Memory Storage

- •QL300EU •WQL-320EUV



# **NOVO DS**

# Digital Signage

Digitize Your Messaging and Transform your Business.

Vivitek's NovoDS range is ideally suited to a wide range of applications and environments. These days, public information needs to be delivered quickly and accurately. Whether you want to promote, advertise, entertain or provide messaging, Vivitek provides solutions from content organization, display and content management.

# NovoDS Cloud

For remote device and content management over the internet. This easy-to-use, role-based cloud service enables administrators, publishers, and designers to manage playlists, set up devices, create users accounts, and more from anywhere with an internet connection. The Cloud service is available at NovoDS. com or can be deployed on their own servers.

For customers interested in NovoDS Cloud, they can visit www.NovoDS.com and register for a free trial.



• Corporate and Hospitality



Education



Retail



• Small or Medium-Sized Enterprise



# NovoDS Cloud free Trial is available on: www.NovoDS.com



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# Digital Signage Solution



HDMI Output; Audio Output Jack; . USB 2.0 Type A; microSD Card Slot; RJ45; DC Power Jack

Internal: 8 CB (5.1 CB available for users) External: microSD Card Slot (Up to 32CB), USB Flash Drive

Ethernet: 10/100Mbps

100 - 240V AC, 50/60 Hz, DC output: 5V@2A.

178 g

100 x 100 x 20 mm

Document Set





NovoDSmini DS100

1920 x 1080 (16:9, 1080p at 60 fps); 1280 x 720 (16:9, 720p at 60 fps)

# LENSES

Order Numbe

# DU9800Z Projector









# D8000 & D6000 Series Optional Motorised Lenses



Lens Type		Ultra Short Throw	Ultra Wide Zoom	Wide Fix	Wide Zoom	Standard	Semi Long Zoom	Long Zoom 1	Long Zoom 2
Model		D88-UST01B	D88-UWZ01	D88-WF18501	D88-WZ01	D88-ST001	D88-SMLZ01	D88-LOZ101	D88-LOZ201
Focus / Zoom T	уре	Motorized	Motorized	Motorized	Motorized	Motorized	Motorized	Motorized	Motorized
Zoom		Fixed zoom 1x	1.25x	Fixed zoom	1.41x	1.3x	1.65x	1.5x	1.55x
FNumber		2.0	1.96 - 2.3	1.85	1.85 - 2.5	1.7-1.9	1.86-2.48	1.85-2.41	1.85-2.48
Focal Length (f	)	5.64 mm	11.3 - 14.1 mm	11.6 mm	18.7 - 26.5 mm	26 - 34 mm	32.9 - 54.2 mm	52.8 - 79.1 mm	78.5 - 121.9 mm
	WUXGA	0.38:1	0.75 - 0.93:1	0.76:1	1.25 - 1.79:1	1.73 - 2.27:1	2.22 - 3.67:1	3.58 - 5.38:1	5.31 - 8.26:1
Throw Ratio	WXCA	0.40:1	0.78 - 0.99:1	0.8:1	1.31 - 1.87:1	1.81 - 2.38:1	2.33 - 3.86:1	3.76 - 5.64:1	5.56 - 8.67:1
	XCA	0.39:1	0.77 - 0.97:1	0.79:1	1.3 - 1.85:1	1.79 - 2.35:1	2.3 - 3.81:1	3.71 - 5.57:1	5.5 - 8.56:1
	WUXGA	100" - 350"	40" - 500"	40" - 500"	40" - 500"	40" - 500"	40" - 500"	40" - 500"	40" - 500"
Image Size	WXCA	100" - 350"	40" - 500"	40" - 500"	40" - 500"	40" - 500"	40" - 500"	40" - 500"	40" - 500"
	XCA	100" - 350"	40" - 500"	40" - 500"	40" - 500"	40" - 500"	40" - 500"	40" - 500"	40" - 500"
	WUXGA	0.85 - 2.74 m	0.62 - 10.36 m	0.64 - 8.50 m	1.05 - 19.59 m	1.45 - 24.85 m	1.87 - 40.33 m	3.01 - 59.02 m	4.42 - 91.54 m
Projection Distance	WXCA	0.89 - 2.87 m	0.65 - 10.91 m	0.67 - 8.92 m	1.11 - 20.58 m	1.53 - 26.11 m	1.97 - 42.35 m	3.17 - 61.97 m	4.65 - 96.13 m
	XCA	0.83 - 2.68 m	0.61 - 10.16 m	0.62 - 8.31 m	1.03 - 19.14 m	1.42 - 24.28 m	1.83 - 39.42 m	2.94- 57.69 m	4.31 - 89.48 m
Order Number		3797866500 -SVK	3797804200 -SVK	3797745100 -SVK	3797745200 -SVK	3797744200 -SVK	3797745000 -SVK	3797745400 -SVK	3797744900 -SVK

# D7000 & D5000 Series Optional Manual Lenses



Lens Type		Wide Fix	Wide Throw Zoom	Short Throw	Semi Short Throw	S
Model		VL904G/ LNS-5FX2	VL911G/ LNS-5WZ2	VL907G/ LNS-5STZ	VL912G / LNS-5SZ12	V L
Focus/Zo	om Type	Manual	Manual	Manual	Manual	٨
Zoom		Fixed Zoom 1x	1.42x	1.18x	1.28x	1
FNumber		2.5	2.1 - 2.6	2.05 - 2.27	2.0 - 2.44	2
FocalLeng	(th (f)	11.46 mm	11.45 - 16.32 mm	16.64 - 19.54 mm	18.65-23.85 mm	2
	WUXGA	0.78:1	0.77 - 1.10:1	1.10 - 1.30:1	1.25 - 1.60:1	1
Throw	1080p	0.78:1	0.77 - 1.10:1	1.10 - 1.30:1	1.25 - 1.60:1	1
Ratio	WXGA	0.82:1	0.81 - 1.15:1	1.15 - 1.36:1	1.31 - 1.68:1	1
	XCA	0.81:1	0.8 - 1.14:1	1.14 - 1.34:1	1.30 - 1.66:1	1
	WUXGA	48" - 298"	43" - 300"	36" - 379"	39" - 300"	3
Image	1080p	47" - 290"	42" - 292"	35" - 369"	39" - 291"	3
Size	WXGA	46" - 283"	41" - 285"	35" - 361"	38" - 285"	3
	XCA	49" - 303"	44" - 306"	37" - 388"	40" - 305"	3
	WUXGA	0.8 - 5 m	1 – 5 m	1 – 9 m	1.3 - 8 m	1
Pro- jection Distance	1080p	0.8 - 5 m	1 – 5 m	1 – 9 m	1.3 - 8 m	1
	WXGA	0.8 - 5 m	1 – 5 m	1 – 9 m	1.3 - 8 m	1
	XCA	0.8 – 5 m	1 – 5 m	1 – 9 m	1.3 - 8 m	1
Order Num	ıber	5811120818 -SVV	5811122742 -SVV	5811120054 -SVV	5811122743 -SVV	5











Standard	Standard	Long Throw 1	Long Throw 2
VL901C/ LNS-5SZ1	VL906G / LNS-7SZ1	VL908G/ LNS-5LZ1	VL909C/ LNS-5LZ2
Manual	Manual	Manual	Manual
1.25x	1.25x	1.5x	1.67x
2.46 - 2.56	2.0 - 2.09	2.5 - 3.1	2.2 - 2.5
22.8 - 28.5 mm	22.8 - 28.5 mm	28.5 - 42.75 mm	44.5 - 74.19 mm
1.54 - 1.93:1	1.54 - 1.93:1	1.93 - 2.89:1	3.00 - 5.01:1
1.54 - 1.93:1	NA	1.93 - 2.89:1	3.00 - 5.01:1
1.62 - 2.03:1	NA	2.03 - 3.05:1	3.15 - 5.26:1
1.60 - 2.00:1	NA	2.00 - 3.00:1	3.11 - 5.18:1
37" - 300"	37" - 211"	33" - 481"	28" - 309"
36'' - 300''	NA	32" - 468"	28" - 301"
35" - 300"	NA	31'' - 457''	27" - 294"
37" - 300"	NA	33" - 492"	29" - 316"
1.5 - 9.9 m	1.5 - 7 m	2 – 20 m	3 - 20 m
1.5 -10.2 m	NA	2 – 20 m	3 - 20 m
1.5 - 10.5 m	NA	2 – 20 m	3 - 20 m
1.5 - 9.8 m	NA	2 – 20 m	3 - 20 m
5811119236 -SVV	5811120865 -SVV	5811119237 -SVV	5811120055 -SVV



# **DELTA DISPLAY**

# Display Products and Solutions

Delta Display Solutions, a division of Delta, is a pioneer in the development of professional displays for control rooms in surveillance, security, traffic, command & control, energy companies, process control, telecommunications and broadcast applications.



Delta offers a wide range of display technologies, including: DLP<sup>®</sup> video walls with rear-projection with laser and Next Gen LED technology, ultra-flat LCD video walls and high-resolution indoor / outdoor LED displays with a powerful and extremely flexible management software suite.





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