



# Install & Impress with Delta CO-Series

## COB LED Video Walls



- Superior Viewing Experience
- Easy Installation
- Reliable & Robust

## Introducing Delta CO Series

LED video walls are increasingly popular in public viewing spaces, control rooms and even boardrooms. We, at Delta, support this trend and we would like to introduce you to our take on it.

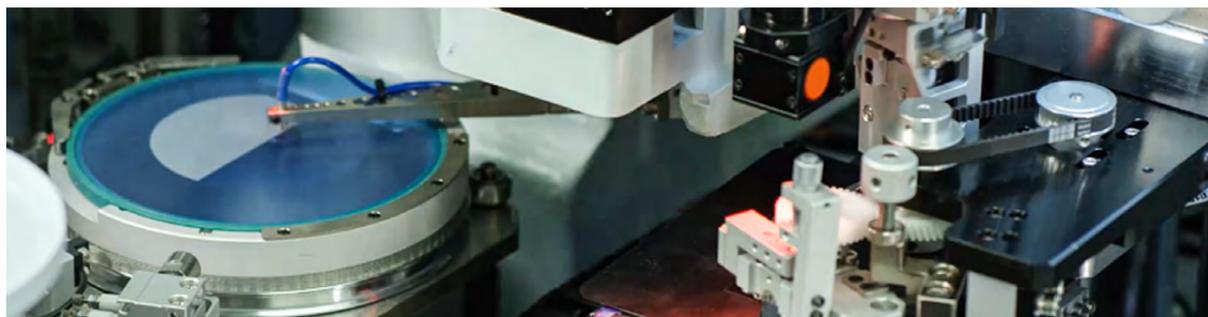
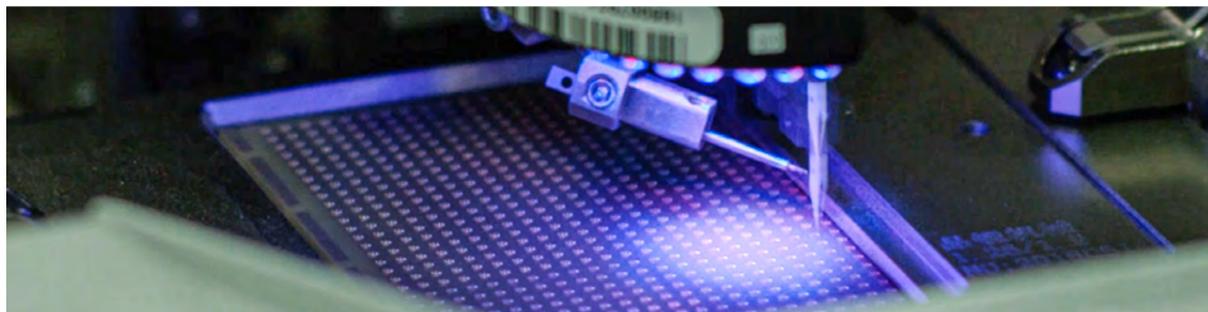
The Delta LED CO Series is our video wall solution that offers a seamless, perfect image that stays sharp even up-close, thanks to the very small pixel pitch sizes.

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 are easy and quick.



## The right video wall for your needs

The COB LED technology enables efficient pixel placement that allows for smaller **pixel pitches**. The smaller the pixel pitch, the closer one can be to the screen. On top of that, a transparent substance is applied to the **surface** of the LED screen. This protects the LEDs and provides a hard, non-reflective and flat layer, ensuring the screen stays picture perfect as it is resilient to knocks and damages.



## Delta CO Series



### Perfect detail up close

COB LED technology allows for a very small Pixel Pitch (starting at 0.9) to give a very high detailed image.



### Pleasing to the eye

The non-reflective surface produces an image that is easy on the eye, while the ultra wide viewing angle ensures that everyone in the room enjoys the same great image.



### Rest assured

COB's LED product design of the wafer board significantly reduces pixel failure rate, making it extremely reliable.



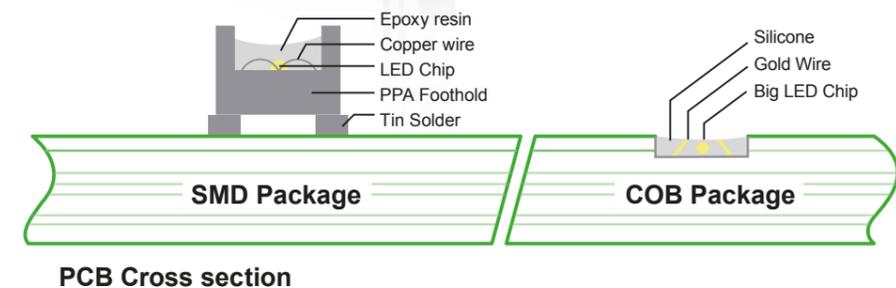
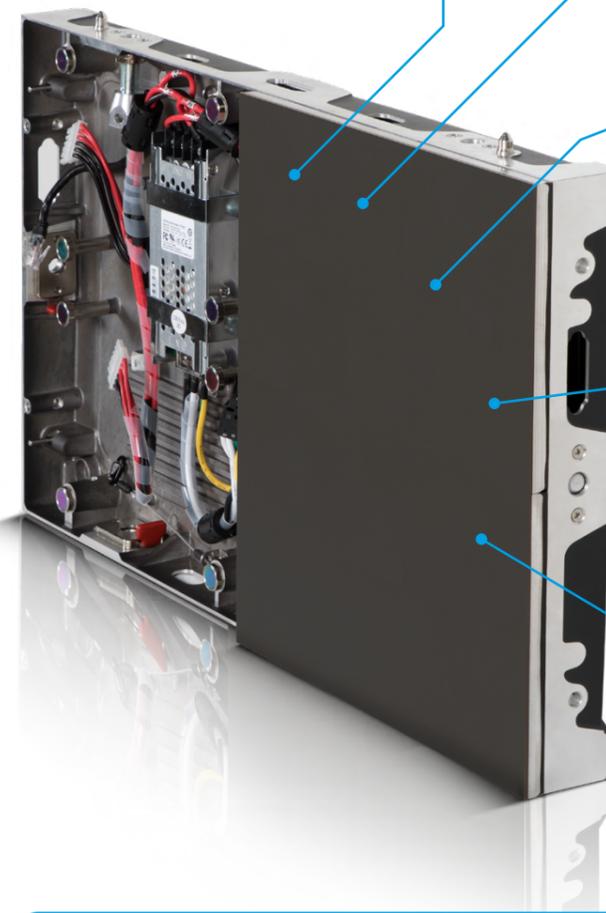
### Easy maintenance

Don't worry if anyone gets up close or touches the LED screen - its dust- and waterproof surface is easy to clean.



### An installers dream

COB's design makes it more difficult to damage during the installation or daily use. The installation itself is a walk in the park.



## Public spaces

Retail, hospitality or museum signage applications can greatly benefit from the tough design of the Delta CO Series, where damage and pixel loss have been a concern today on existing installations. Its installation is done quickly and efficiently - set it up in one day and start displaying your message straight away.



## Control rooms

Reliability and high-resolution picture accuracy are instrumental in a good control room set up. The Delta CO series offers a pixel pitch size starting with 0.9mm for an immaculate detailed LED wall with minimal maintenance and maximum assurance. Especially for a 24/7 application.



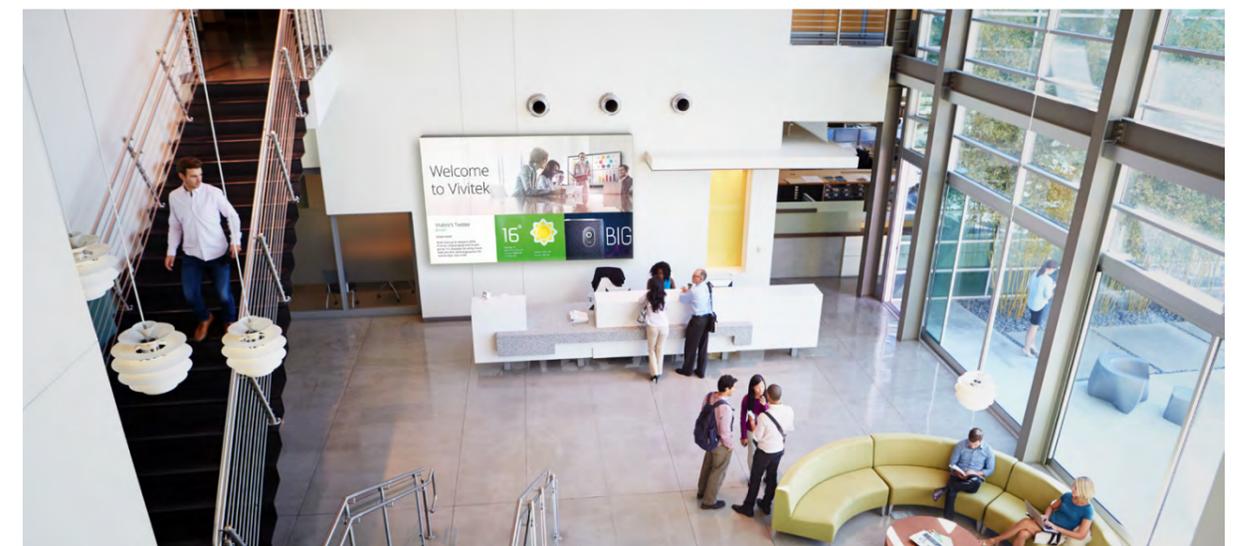
## Boardrooms

Creating a boutique boardroom with state-of-the-art meeting technology requires an impressive screen installation. The Delta CO series offers meeting users the ease of use to present their content in the best way possible.



## Reception areas

The first impression lasts, and so does the Delta CO Series LED video wall in the reception area. It is easy to look at from any distance and angle, and offers no glare, just the glamour of a perfect picture. Even the most curious visitors won't damage the screen, as it's designed with a special surface layer that protects the LED.



# Installation

## Installation Benefits:

- A perfect fit for any installation.
- Choice of 4 pixel pitch sizes from 0.9, 1.2, 1.5 and 1.9 to ensure the optimal viewing distance for any installation.

## Fast, Damage Free Installation

- During production a unique process applies a transparent substance to the surface of the screen. This protects the LEDs and provides a hard, non-reflective and flat layer.
- The tough surface of the LED Modules ensure that the LED Modules can be placed quickly and safely onto the LED Cabinets without risking damage.

## Rapid Fix Frame

- An efficient and effective frame structure provides a stable surface onto which the screen can be installed. Location Guides (included with the frame) enable a fast, measurement free installation.

## Tool Free Module Installation

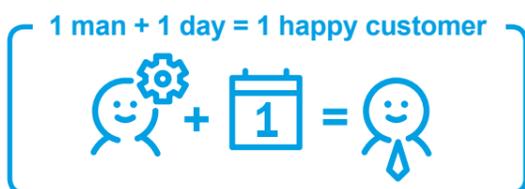
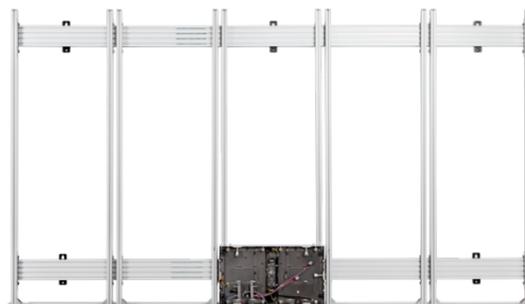
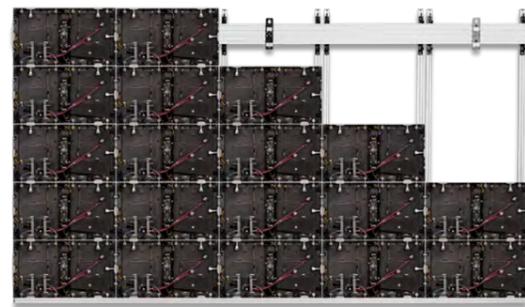
- The magnetic LED Modules are fitted to the LED Cabinets by hand – no special tools are required.

## Calibration Free

- No on-site calibration is required as all screens are calibrated in the factory.

## Special Installation Support

Dedicated Installation Manual and video conference sessions are available for a quick learning curve on how to install the Delta COB LED wall within a day on-site.



# Specifications



Product Name		CO-9	CO-12	CO-15	CO-19
Pixel Pitch ( mm )		0,93	1,26	1,58	1,9
LED Type		COB	COB	COB	COB
Pixel Configuration		R/G/B	R/G/B	R/G/B	R/G/B
Brightness ( cd/m2 )	Native (max)	600	900	900	900
	Calibrated	450	600	600	600
Contrast Ratio		3,000:1	3,000:1	3,000:1	3,000:1
Refresh Rate		3060 Hz	3000 Hz	3000 Hz	3840 Hz
Gray Scale		13-bit	15-bit	13-bit	14-bit
Colours		549 billion	35 trillion	549 billion	4.3 trillion
Viewing Angle	Horizontal	160°	160°	160°	160°
	Vertical	160°	160°	160°	160°
Lifetime		100,000 Hrs	100,000 Hrs	100,000 Hrs	100,000 Hrs
Power Input		100 ~ 240 VAC, 47 ~ 63 Hz	100 ~ 240 VAC, 47 ~ 63 Hz	100 ~ 240 VAC, 47 ~ 63 Hz	100 ~ 240 VAC, 47 ~ 63 Hz
Power Consumption (W)	Max. ( W/Cabinet )	140	180	180	170
	Avg. ( W/Cabinet )	47	60	57	52
Cabinet Size ( mm )	W x H x D	600 x 337.5 x 59.5	608 x 342 x 71	608 x 342 x 71	608 x 342 x 71
	Weight (Kg/cabinet)	7,2	7,2	7,2	7,2
Service Access		Front / Rear	Front / Rear	Front / Rear	Front / Rear
IP Grade		F: IP40 / R: IP20			
Certification		UL,CB,CE,FCC(MP)	UL,CB,CE,FCC(MP)	UL,CB,CE,FCC(MP)	UL,CB,CE,FCC(MP)



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