



## X Series Indoor LED Displays

Delta's new X Series indoor LED displays offer a wide range of pixel pitches for many indoor applications ranging from 2mm to 10mm with multiple diode options. Perfect for applications requiring wide viewing angles and superior up-close visual performance, the indoor X Series LED displays deliver excellent image quality at an affordable price.

- Wide Viewing Angles and Perfect Color Mixing
- Excellent Image Quality and Enhanced Contrast
- Easy Setup and Uniformity Calibration
- Front or Rear Service
- Compact Cabinet Size

[www.delta-americas.com/displaysolutions](http://www.delta-americas.com/displaysolutions)

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## Specifications

Model		FBX-15E	FBX-18E	FBX-25N/E/S	FBX-30N/E/S
Pixel Pitch (mm)		1.5mm	1.875mm	2.5mm	3mm
Pixel Configuration		R/G/B 3 in 1 SMD	R/G/B 3 in 1 SMD	R/G/B 3 in 1 SMD	R/G/B 3 in 1 SMD
Cabinet Resolution (W x H)		320 x 320 pixels	256 x 256 pixels	192 x 192 pixels	160 x 160 pixels
Pixel Density		444,444 pixels/sqm 41,290 pixels/sqft	284,444 pixels/sqm 2,642 pixels/sqft	160,000 pixels/sqm 14,864 pixels/sqft	111,111 pixels/sqm 10,322 pixels/sqft
Brightness (cd/m <sup>2</sup> )	Native (max)	1200	1200	1200	1200
	Calibrated	1000	1000	1000	1000
Dimming Capability		100 levels	100 levels	100 levels	100 levels
Contrast Ratio		500:1	500:1	500:1	500:1
Refresh Rate		1200 Hz	1200 Hz	1200 Hz	1200 Hz
Color Processing		12-bit	12-bit	12-bit	12-bit
Colors		68.7 billion	68.7 billion	68.7 billion	68.7 billion
Viewing Angle	Horizontal	140°	140°	140°	140°
	Vertical	120°	120°	120°	120°
Lifetime		100,000	100,000	100,000	100,000
Power Input		AC 200V-240V	AC 200V-240V	AC 200V-240V	AC 200V-240V
Power Consumption	Max (W/Cabinet)	150	150	150	150
	Avg (W/Cabinet)	53	53	53	53
Cabinet Size	mm	480 x 480 x TBD mm	480 x 480 x TBD mm	480 x 480 x TBD mm	480 x 480 x TBD mm
	inch	18.8 x 18.8 x TBD inch	18.8 x 18.8 x TBD inch	18.8 x 18.8 x TBD inch	18.8 x 18.8 x TBD inch
Weight	kg/cabinet	11 kg/cabinet	11 kg/cabinet	11 kg/cabinet	11 kg/cabinet
	lb/cabinet	24.2 lb/cabinet	24.2 lb/cabinet	24.2 lb/cabinet	24.2 lb/cabinet
Temperature	Operating	0°~40°C 32°~104°F	0°~40°C 32°~104°F	0°~40°C 32°~104°F	0°~40°C 32°~104°F
	Storage	-20°~60°C -4°~140°F	-20°~60°C -4°~140°F	-20°~60°C -4°~140°F	-20°~60°C -4°~140°F
Relative Humidity	Operating	10%~90%	10%~90%	10%~90%	10%~90%
	Storage	10%~90%	10%~90%	10%~90%	10%~90%
Service Access		Rear	Rear	Rear	Rear
Ruggedness		Front IP40/Rear IP30	Front IP40/Rear IP30	Front IP40/Rear IP30	Front IP40/Rear IP30
Certification		FCC, UL	FCC, UL	FCC, UL	FCC, UL

\*Preliminary data subject to change

Model		IBX-4N/M/S	IBX-6M/S	IX-6N/M	IX-8N/M/S	IX-10N/M/S
Pixel Pitch (mm)		4mm	6mm	6mm	8mm	10mm
Pixel Configuration		R/G/B 3 in 1 SMD	R/G/B 3 in 1 SMD	R/G/B 3 in 1 SMD	R/G/B 3 in 1 SMD	R/G/B 3 in 1 SMD
Cabinet Resolution (W x H)		128 x 128 pixels	128 x 128 pixels	128 x 128 pixels	128 x 128 pixels	128 x 64 pixels
Pixel Density		62,500 pixels/sqm 5,806 pixels/sqft	27,777 pixels/sqm 2,580 pixels/sqft	27,777 pixels/sqm 2,580 pixels/sqft	15,625 pixels/sqm 1,452 pixels/sqft	10,000 pixels/sqm 929 pixels/sqft
Brightness (cd/m <sup>2</sup> )	Native (max)	1200	1500/1200	3500/3000	3500/3000/2000	3500/3000/2000
	Calibrated	1000	1300/1100	3000/2500	3000/2500/1500	3000/2500/1500
Dimming Capability		100 levels	100 levels	100 levels	100 levels	100 levels
Contrast Ratio		1000:1	1500:1/2000:1	3000:1/2500:1	3000:1/2500:1/1500:1	3000:1/2500:1/1500:1
Refresh Rate		1000 Hz	2000 Hz	2000 Hz	2000 Hz	2000 Hz
Color Processing		10-bit	10-bit	10-bit	10-bit	10-bit
Colors		1.07 billion	1.07 billion	1.07 billion	1.07 billion	1.07 billion
Viewing Angle	Horizontal	140°	140°	140°	140°	140°
	Vertical	120°	120°	120°	120°	120°
Lifetime		100,000	100,000	100,000	100,000	100,000
Power Input		AC 200V-240V	AC 200V-240V	AC 200V-240V	AC 200V-240V	AC 200V-240V
Power Consumption	Max (W/ Cabinet)	160/160/185	300/414	300	540/550/524	450/450/409.6
	Avg (W/Cabinet)	56/56/64.75	105/144.9	105	189/192.5/183.4	157.5/157.5/143.36
Cabinet Size	Front Access	512 x 512 x 178 mm 20.2 x 20.2 x 7 inch	768 x 768 x 178mm 30.2 x 30.2 x 7 inch	768 x 768 x 178mm 30.2 x 30.2 x 7 inch	1024 x 1024 x 178 mm 40.3 x 40.3 x 7 inch	1280 x 640 x 178mm 50.4 x 25.2 x 7 inch
	Rear Access	512 x 512 x 157 mm 20.2 x 20.2 x 6.2 inch	768 x 768 x 157mm 30.2 x 30.2 x 6.2 inch	768 x 768 x 157mm 30.2 x 30.2 x 6.2 inch	1024 x 1024 x 157 mm 40.3 x 40.3 x 6.2 inch	1280 x 640 x 157mm 50.4 x 25.2 x 6.2 inch
Weight	kg/cabinet	13 kg/cabinet	25 kg/cabinet	25 kg/cabinet	55 kg/cabinet	45 kg/cabinet
	lb/cabinet	28.7 lb/cabinet	55.1 lb/cabinet	55.1 lb/cabinet	121.3 lb/cabinet	99.2 lb/cabinet
Temperature	Operating	0°~40°C 32°~104°F	0°~40°C 32°~104°F	0°~40°C 32°~104°F	0°~40°C 32°~104°F	0°~40°C 32°~104°F
	Storage	-20°~60°C -4°~140°F	-20°~60°C -4°~140°F	-20°~60°C -4°~140°F	-20°~60°C -4°~140°F	-20°~60°C -4°~140°F
Relative Humidity	Operating	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%
	Storage	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%
Service Access		Front or Rear	Front or Rear	Front or Rear	Front or Rear	Front or Rear
Ruggedness		Front IP40/Rear IP30	Front IP40/Rear IP30	Front IP40/Rear IP30	Front IP40/Rear IP30	Front IP40/Rear IP30
Certification		FCC, UL	FCC, UL	FCC, UL	FCC, UL	FCC, UL

\*All specifications are subject to change without prior notice.

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