digiLED
THE LED SCREEN EXPERTS

C-TEK

INDOOR & OUTDOOR
CURVING CORNERS
LIGHTWEIGHT
ONE MAN INSTALLATION
FAST IN-SITU SERVICING

C-TEK

FEATURES

Quick Maintenance

For indoor models, the magnetic tile design enables quick front or rear service. For outdoor models, 4 screws are used per tile, plus magnets to balance the ease of use, flatness and safety. Two handles to remove the power box, again one of the quickest features in the industry.

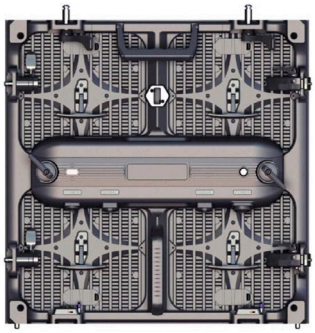
- Simple and Easy Installation
- Memory on Module
- Super Lightweight
- Seamless Curving
- Corner Panel Option
- One Man Rig and Derig

digiLED Application Experts

- Site surveys, install design & visuals
- Procurement / installation of screen surface & structures
- System commissioning & ongoing maintenance / warranty

Memory on module

The memory on module function is integrated into the design on all models of C-TEK, for easy configuration when replacing tiles.



Super lightweight

It's not about being the lightest in the world. It's about being as light as possible without a sacrifice in performance. At merely 12kg per panel for outdoor 500x1000mm, C-TEK outdoor will achieve up to 5,000 nits brightness, with superior flatness.

Seamless curve

A perfect side locking system should deliver a great combination of seamless connection, good handling experience at reasonable cost. digiLED C-TEK has two sets of curvable side locks to ensure the solid connection. The accurate machining delivers a seamless connection up to 5 degrees convex at 2.9mm, which has always been a challenge in the industry.

One man rig and derig

One man install with quickest ever top locks. For either stacking or hanging, with simply a click to self-lock the two cabinets. There's clear click feel as well as a visible sign designed to indicate the lock status and avoid in-operation. Handles are then used to tighten the connection and eliminate gaps.

The locks are easy enough even for one man to uninstall. The 8-12kg panel provides an acceptable weight for one handed manipulation, leaving the other hand free to release locks.

C-TEK

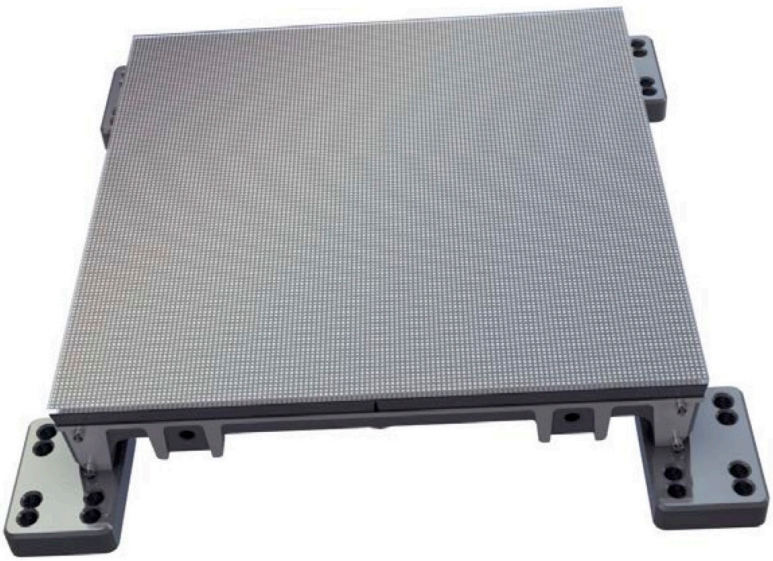
FEATURES

Corners

A real seamless corner with no visual dark lines even from close up.

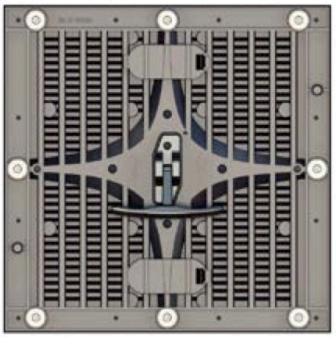
Floor

With very simple additional accessories, the standard cabinet can be adapted to use as an LED floor.



Modular design

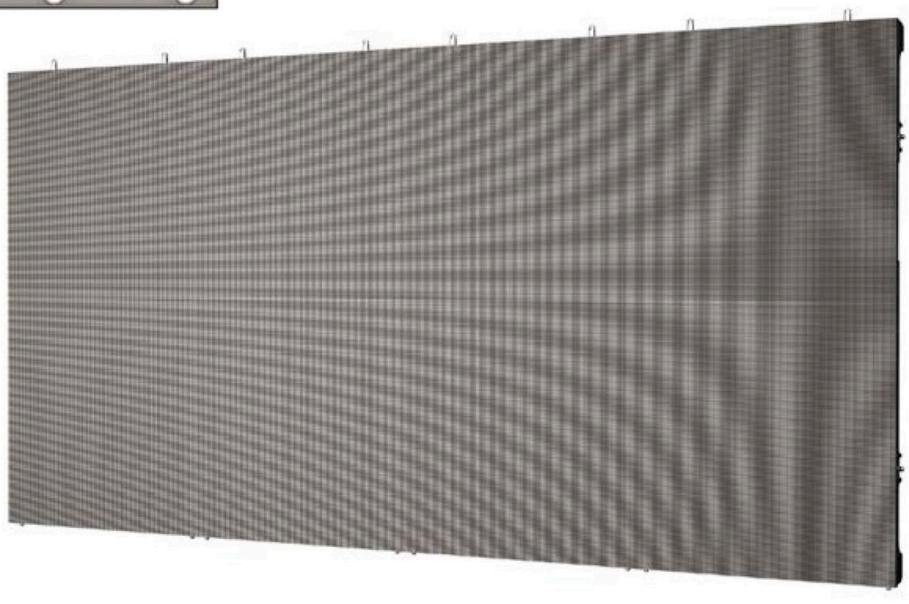
With a highly standardised modular design, the different models of C-TEK share the same cabinet frame, power box, easy to manage spares and servicing for interchangeability between different models. Identical module on each model to suit any position on the cabinet, no confusion, no hassle..



First class flatness

The cabinet frame is produced by a leading supplier for die-cast frames, well known in the industry for reliable quality control.

An experienced manufacturer for module housing, with proven quality in the market. Seeing is believing!



C-TEK INDOOR

PRODUCT SPECIFICATIONS

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		C-TEK 2980	C-TEK 2980K	C-TEK 3910	C-TEK 3910L
Physical Pixel Pitch (HxV) mm		2.976	2.976	3.906	3.906
Pixel Resolution (Width/Height)	pixels/panel	168/168	168/168	128/128	128/256
Panel Dimensions	(W x H x D) mm	500 x 500 x 83	500 x 500 x 83	500 x 500 x 83	500 x 1000 x 83
Optional Angled Corner Panel		Yes (90 deg)			
Optional Floor Mounted		Yes with accessories			
Curving	degrees	-5, -10, 0, +5, +10	-5, -10, 0, +5, +10	-10, -5, 0, +5, +10	-10, -5, 0, +5, +10
Standard Panel Area	m2	0.25	0.25	0.25	0.5
Standard Weight	kg/m2	32	32	32	44
Ingress Protection	(Front/Rear)	Indoor IP40/IP21			
Maintenance Access		Front (tiles & PSU) Rear (RCV Card & PCBs)			
Standard Refresh Rate	Hz	≥3,840 (TBC)			
Uncalibrated Brightness*	nits	≥1000	≥1000	≥1000	≥1000
Calibration	nits	on tile	on tile	on tile	on tile
Input Voltage	VAC/Hz	100~250/50-60			
Max Power Consumption**	W/sqm	460	524	480	480
Typical Working Power Consumption**	W/sqm	138	157	144	144
Operating Temperature (min/max)	degC	-30/+50			
Certification		CE (IEC82368-1 - TBC), ETL, EMC, LVD, RoHS			
HDR***		(see foot note)			

All specifications are subject to change without prior notification. E&OE.
Specifications are for standard system configuration. Contact your digiLED expert for detailed specification.
*The figures shown for brightness are standard guidelines figures only and based on average test laboratory conditions.
** The figures shown for power consumption are standard guidelines figures only and based on average test laboratory conditions.
***HDR: Subject to system configuration and processing.

C-TEK OUTDOOR

PRODUCT SPECIFICATIONS

digiLED
THE LED SCREEN EXPERTS

		C-TEK 3910o	C-TEK 3910Lo	C-TEK 4810o	C-TEK 4810Lo
Physical Pixel Pitch (HxV) mm		3.906	3.906	4.808	4.808
Pixel Resolution (Width/Height)	pixels/panel	128/128	128/256	104/104	104/208
Panel Dimensions	(W x H x D) mm	500 x 500 x 83	500 x 1000 x 83	500 x 500 x 83	500 x 1000 x 83
Optional Angled Corner Panel		Yes (90 deg)			
Optional Floor Mounted		Yes with accessories			
Curving	degrees	-10, -5, 0, +5, +10			
Standard Panel Area	m2	0.25	0.5	0.25	0.5
Standard Weight	kg/m2	32	22	32	22
Ingress Protection	(Front/Rear)	Indoor IP65/IP54			
Maintenance Access		Front (tiles & PSU) Rear (RCV Card & PCBs)			
Standard Refresh Rate	Hz	≥3,840 (TBC)			
Uncalibrated Brightness*	nits	≥5000	≥5000	≥5000	≥5000
Calibration	nits	on tile			
Input Voltage	VAC/Hz	100~250/50-60			
Max Power Consumption**	W/sqm	690	690	608	612
Typical Working Power Consumption**	W/sqm	207	207	182	184
Operating Temperature (min/max)	degC	-30/+50			
Certification		CE (IEC82368-1 - TBC), ETL, EMC, LVD, RoHS			
HDR***		(see foot note)			

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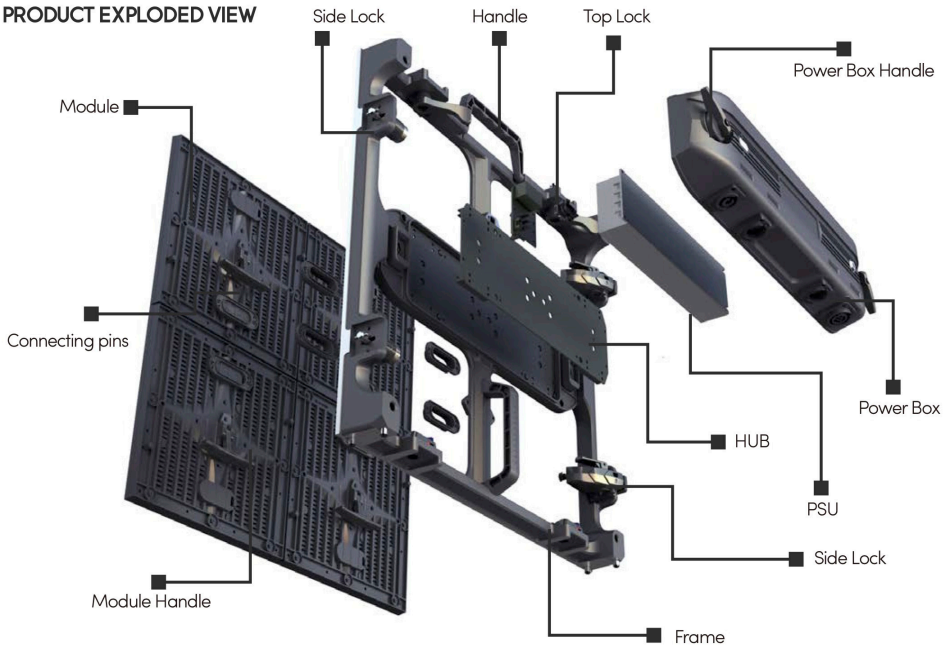
ACCESSORIES

PRODUCT EXPLODED VIEW



Dolly

Super Lightweight Flight Case

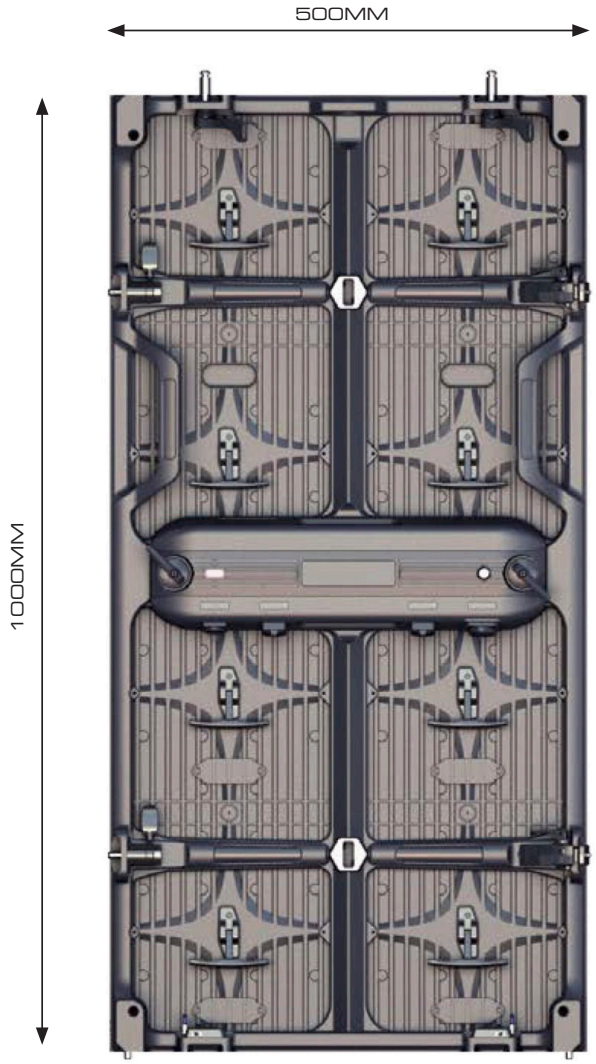
Stacking Structure

Video Processor

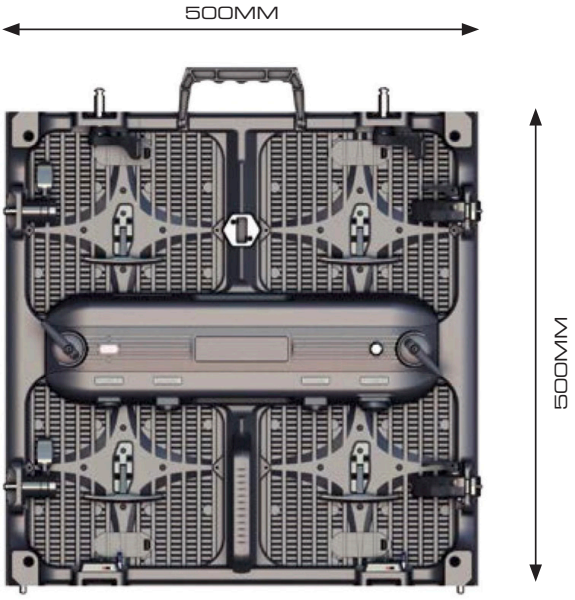
Hanging Bar
500mm-Single Length
1000mm-Double Length

C-TEK INDOOR

PRODUCT DIMENSIONS



500x1000 Cabinet



500x500 Cabinet