digiLED

digiTILE HD
FIXED

THE FIRST GENERATION OF
A UNIVERSAL LED TILE SCREEN SYSTEM

| 2.6mm PIXEL PITCH | 3.1mm PIXEL PITCH | 3.9mm PIXEL PITCH | 5.2mm PIXEL PITCH | 6.25mm PIXEL PITCH | 10.4mm PIXEL PITCH | UHD 4K | HIGH CONTRAST | EASY INSTALLATION |

A new generation of universal LED Tile screen system that has been developed to meet the demands of adaptability. Using a basic LED digiTILE HD with it's magnetic fixings it is possible to assemble a screen swiftly onto any magnetic surface and connect each digiTILE HD to a PDP (Power Distribution Pack) mounted close by via an umbilical cord. With digiTILE HD, it is now possible to create a screen as thin as 60mm in depth.

The latest digiTILE HD product range has been developed to cater for the HD market which fits into the standard 16:9 format providing blistering HD quality both in performance and colour technology without risking letterboxing or forced stretching to fill a screen area.

digiTILE HD FIXED outdoor
MODULE SPECIFICATIONS

		digiTILE HD 3910o	digiTILE HD 5200o	digiTILE HD 6250o	digiTILE HD 10o
LEDS					
Physical Pixel Pitch (HxV)	mm	3.906	5.208	6.250	10.4
LEDs Per Pixel			1R1G1B		
Red Wavelength (Dominant)	nm		620		
Green Wavelength (Dominant)	nm		520		
Blue Wavelength (Dominant)	nm		465		
PIXELS					
Pixel Configuration			SMD 3-in-1		
LED Face Colour			Black body		
LED Size		SMD1921	SMD2727	SMD2727	SMD2727
Physical Pixel Resolution (Width)	pixels/module	64	48	40	24
Physical Pixel Resolution (Height)	pixels/module	72	54	45	27
Physical Pixels Per Area (std Tile)	pixels/m2	65,536	36,864	25,600	9,216
MODULE					
Active Tile Width	mm		250		
Active Tile Height	mm		281.25		
Standard Active Module Area	m2		0.0703		
Tile Depth	mm		16		
Standard Tile Weight	kg		0.87 (0.19 for Cable)		
PDP Width x Length x Depth	mm		172.5 x 730 x 60		
PDP Weight	kgs		4.5		
Viewing Angle - Horizontal	degrees		>140		
Viewing Angle - Vertical	degrees		>120		
Ingress Protection	(Front)		IP65		
Ingress Protection	(Back)		IP54		
Surface Finish			Die-Cast Aluminium		
LED Fixings			Front access		
Storage Temperature Range	degree C		-10 to +50		
Operating Temperature Range	degree C		-10 to +50		
Operating Humidity Range	%		10 to 90 Non-condensing		
COLOUR					
Greyscale Processing Depth	bits		16		
Number of Colours			281 trillions		
Refresh Rate	Hz		>3,840		
BRIGHTNESS					
Brightness (Before Calibration)	nits	>6,500	>6,500	>6,500	>5,500
Brightness (After Calibration) est.	nits	>6,000	>6,000	>6,000	>5,000
Brightness Control			256 Levels		
Contrast ratio			2,000:1		
POWER					
Input Voltage	VAC		110~240		
Input Power (Average)	watts/m2	240	240	259	201
Input Power (Maximum)	watts/m2	800	800	864	672
OTHER					
Lifespan	hours		>100,000		
Computer System Type			PC Win10, Win7, Vista, XP, WIN2000		
Video Input			AV, S-Video, VGA, DVI, HDMI, YPbPr, SDI		
Data Input Connector			Ethernet, Fibre Optic		
Power Input Connector			Flying lead		
Control System			NovaStar		
Certification			CE, EMC, RoHS, FCC, ETL		

All specifications are correct at time of print, however they are liable to change and should be confirmed at point of order

digiTILE HD FIXED indoor
MODULE SPECIFICATIONS

		digiTILE HD 2600	digiTILE HD 3125	digiTILE HD 3910
LEDS				
Physical Pixel Pitch (HxV)	mm	2.604	3.125	3.906
LEDs Per Pixel			1R1G1B	
Red Wavelength (Dominant)	nm		620	
Green Wavelength (Dominant)	nm		520	
Blue Wavelength (Dominant)	nm			465
PIXELS				
Pixel Configuration			SMD 3-in-1	
LED Face Colour			Black body	
LED Size		SMD1515	SMD2020	SMD2020
Physical Pixel Resolution (Width)	pixels/module	96	80	64
Physical Pixel Resolution (Height)	pixels/module	108	90	72
Physical Pixels Per Area (std Tile)	pixels/m2	147,456	102,400	65,536
MODULE				
Active Tile Width	mm		250	
Active Tile Height	mm		281.25	
Standard Active Module Area	m2		0.0703	
Tile Depth	mm		16	
Standard Tile Weight	kg		0.87 (0.19 for Cable)	
PDP Width x Length x Depth	mm		172.5 x 730 x 60	
PDP Weight	kgs		4.5	
Viewing Angle - Horizontal	degrees		>140	
Viewing Angle - Vertical	degrees		>140	
Ingress Protection	(Front)		IP65	
Ingress Protection	(Back)		IP54	
Surface Finish			Die-Cast Aluminium	
LED Fixings			Front access	
Storage Temperature Range	degree C		-10 to +50	
Operating Temperature Range	degree C		-10 to +50	
Operating Humidity Range	%		10 to 90 Non-condensing	
COLOUR				
Greyscale Processing Depth	bits		16	
Number of Colours			281 trillions	
Refresh Rate	Hz		>3,840	
BRIGHTNESS				
Brightness (Before Calibration)	nits	>1,200	>1,200	>1,300
Brightness (After Calibration) est.	nits	>1,100	>1,100	>1,150
Brightness Control			256 Levels	
Contrast ratio			4,000:1	
POWER				
Input Voltage	VAC		110~240	
Input Power (Average)	watts/m2	230	172	187
Input Power (Maximum)	watts/m2	768	576	624
OTHER				
Lifespan	hours		>100,000	
Computer System Type			PC Win10, Win7, Vista, XP, WIN2000	
Video Input			AV, S-Video, VGA, DVI, HDMI, YPbPr, SDI	
Data Input Connector			Ethernet, Fibre Optic	
Power Input Connector			Flying lead	
Control System			NovaStar	
Certification			CE, EMC, RoHS, FCC, ETL	

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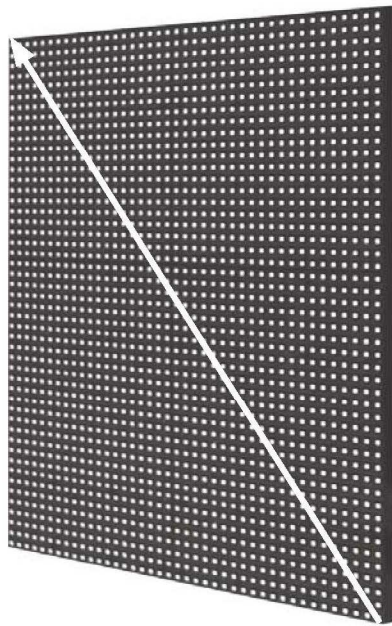
digiTILE HD FIXED TILE DETAIL

digiTILE HD
Aspect Ratio 8:9
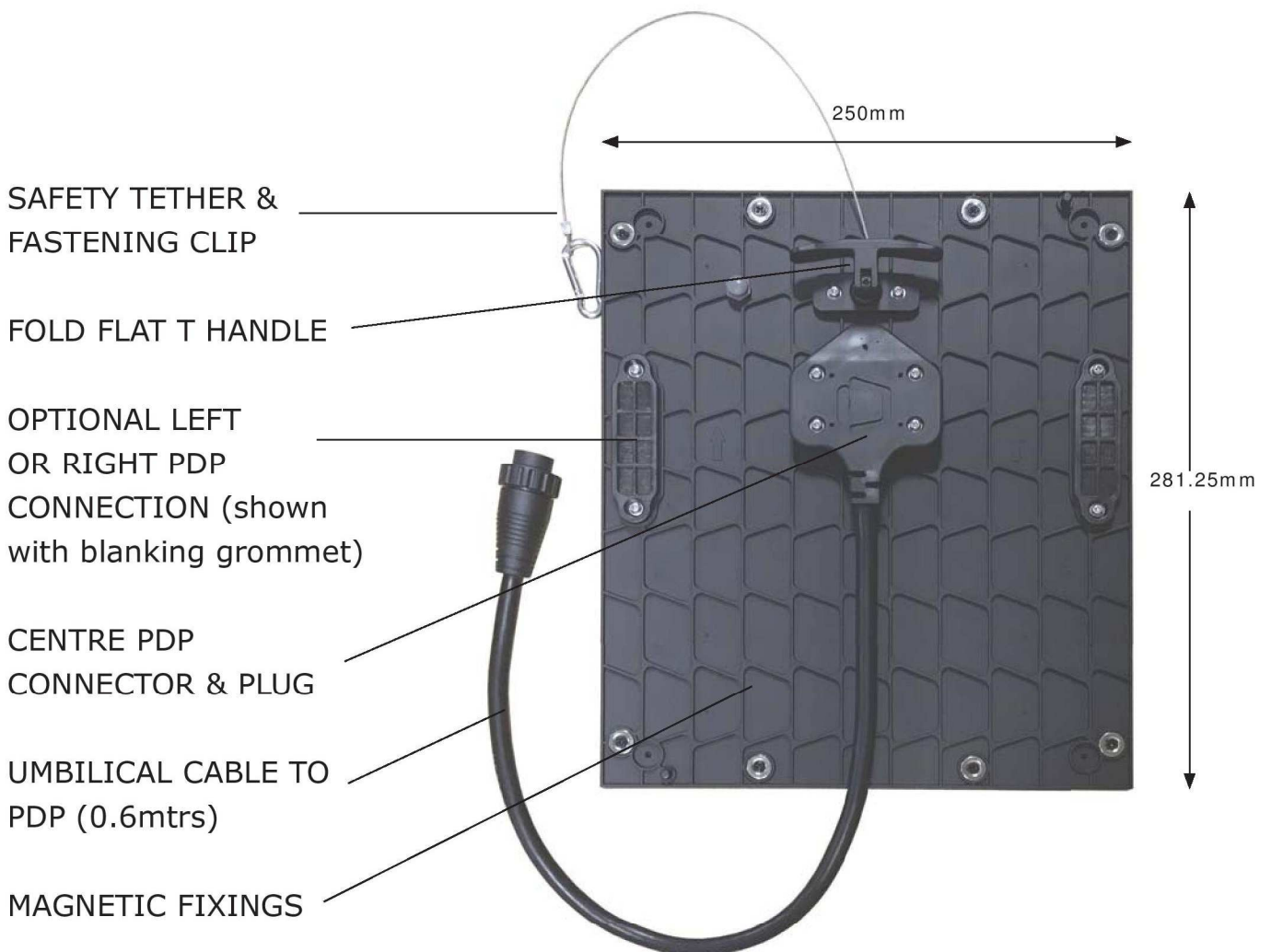
250mm

281.25mm

SAFETY TETHER &
FASTENING CLIP

FOLD FLAT T HANDLE

OPTIONAL LEFT
OR RIGHT PDP
CONNECTION (shown
with blanking grommet)

CENTRE PDP
CONNECTOR & PLUG

UMBILICAL CABLE TO
PDP (0.6mtrs)

MAGNETIC FIXINGS

digiLED

digiTILE **HD FIXED** PDP DETAIL

digiTILE PDP6

172.5mm

STATUS INDICATOR PANEL

REAR DOOR

60mm

LOCK

POWER CONNECTION

730mm

UMBILICAL PDP
CONNECTION SOCKET FOR A
2 x 3 TILE ARRANGEMENT
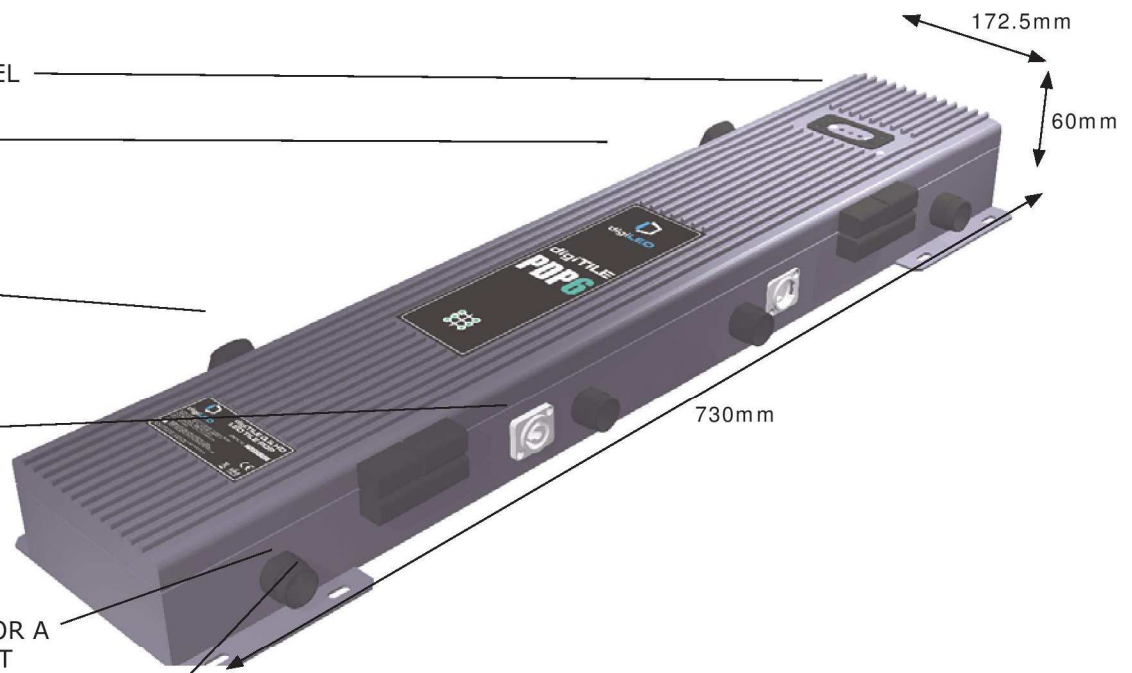
WEATHERPROOF CONNECTOR COVER
(outdoor versions)
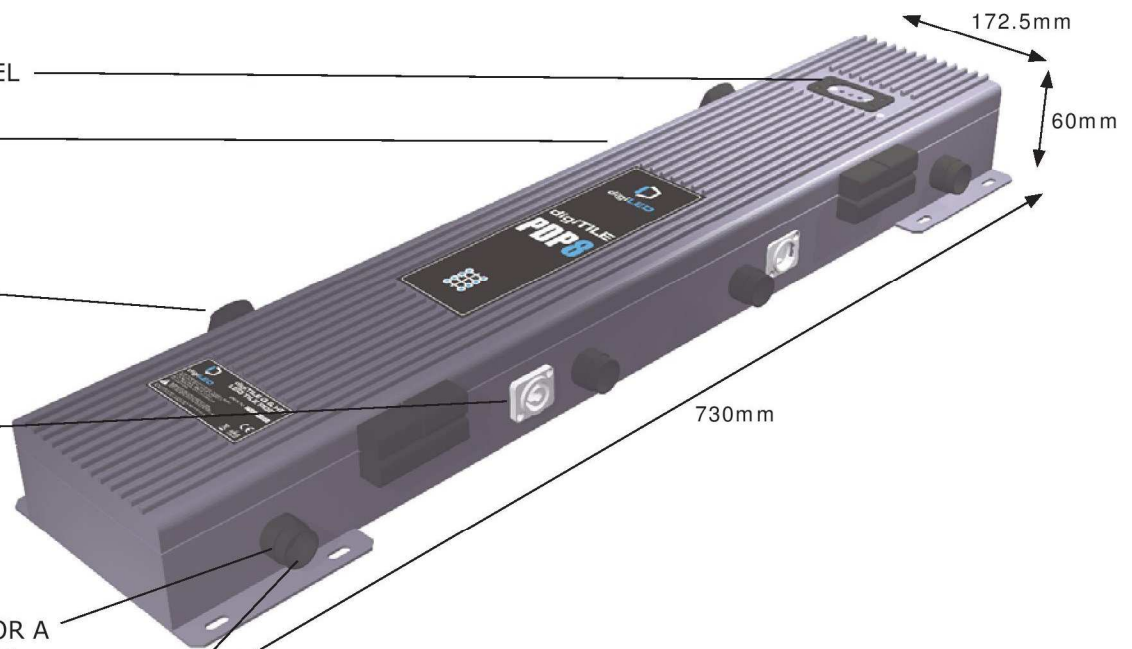

digiTILE PDP8

172.5mm

STATUS INDICATOR PANEL

REAR DOOR

60mm

LOCK

POWER CONNECTION

730mm

UMBILICAL PDP
CONNECTION SOCKET FOR A
2 x 4 TILE ARRANGEMENT

WEATHERPROOF CONNECTOR COVER
(outdoor versions)