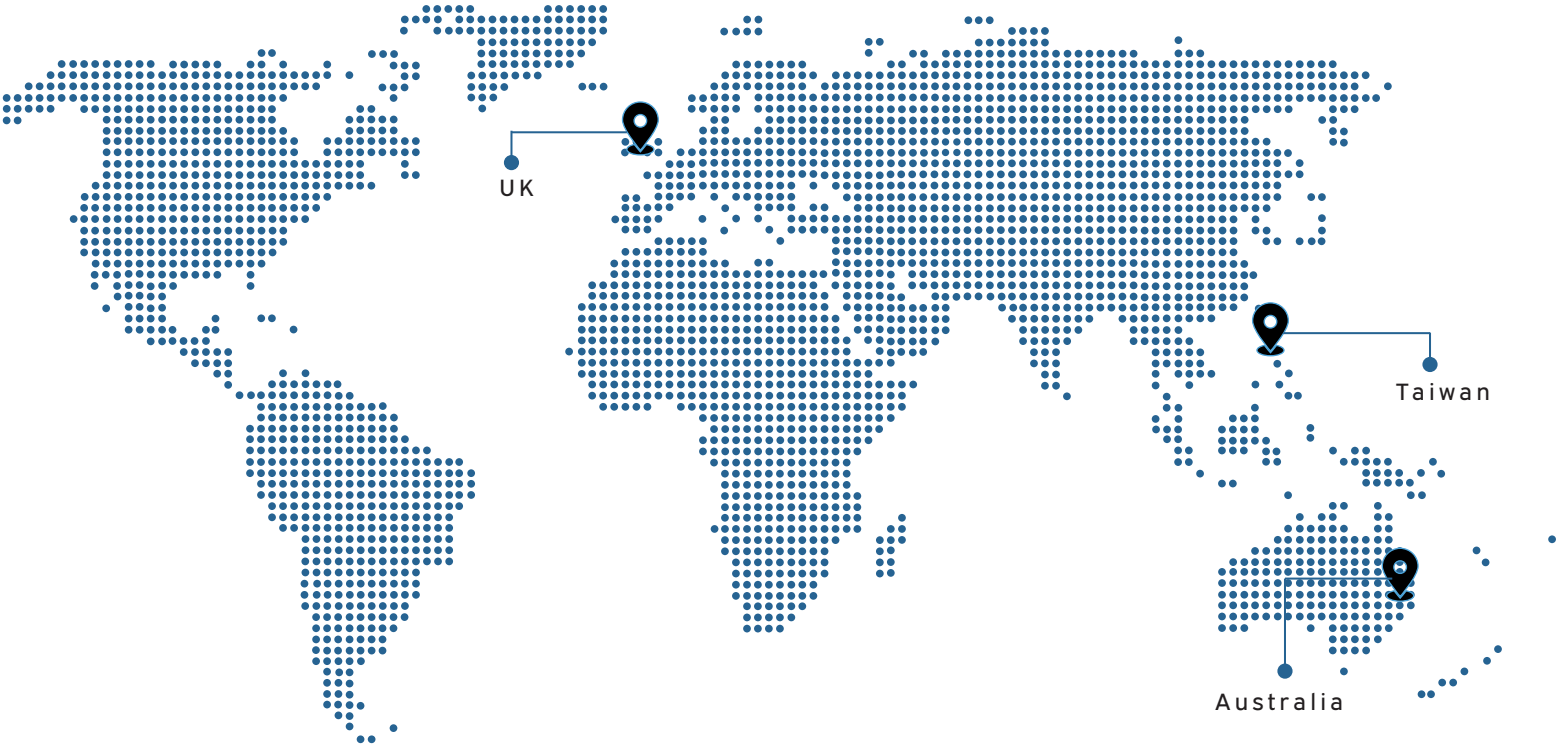
TEKDIS LED Solutions Q1 2020

Tekdis

WWW.TEKDIS.COM.AU

WHAT WE DO



Tekdis specialises in Industrial Computing, Display and System Integration. Based in Adelaide, with warehouse facilities in Melbourne, offices in Sydney and UK and Taiwan, we offer a range of solutions for LED applications.

Our goal is to provide the best solution to customers by understanding their requirements and offering high quality technical support, professional selling procedures and reliable installation services.

Below is our current range of standard wall LED products.

CERTIFICATIONS AND TESTING

Tekdis takes great pride in its products. This is why we make sure our premium series products come fully compliant and tested to allow for the greatest lifespan and durability for our patrons.

- 72 Hours Aging test
- 60 Minutes Water Proof test
- 5% Salty Mist test
- 1500V High Voltage Insulation test
- 90% Humidity test
- -40˚C ~ 50˚C Thermal Shock test
- Grounding Test
- Colour & Brightness Calibration

GLOBAL COMPLIANCE

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STANDARD INDOOR LED

INDOOR RANGE

FEATURES

- Slim 38.5mm cabinet
- Uniform 16:9 ratio
- Wide Viewing Angle
- Extraordinary Colour
- High Brightness

FINE PIXEL PITCH

IDEAL USE

- Large format Screens
- Sports bar Screens
- Residential/workplace Screens

LED SPECIFICATIONS	2.5
PIXEL PITCH(mm)	2.5
LED TYPE	Hatian SMD2121
BRIGHTNESS (cd/m2)	1000 cd/m2
REFRESH RATE (Hz)	1920
POWER CONSUMPTION (Max/Ave) (W/m2)	450w
PIXEL PER MODULE	4096 dots/m2
MODULE SIZE (mm)	160x160
MODULE SIZE (inches)	6.29x6.29
VIEWING ANGLE	140° (H)/140° (V)
PANEL SIZE (mm)	480x480x80mm
PANEL SIZE (inches)	18.89x18.89x3.14
WEIGHT (kg/panel)	8kg
IC	MB15124
GRAY SCALE (Bit)	12
MAINTENANCE	Front/Back
OPERATING TEMPERATURE/HUMIDITY (C/RH)	-30° to 70°

PREMIUM INDOOR LED

16:9 LED SERIES
UNIVERSAL LED SERIES
PRE FABRICATED SOLUTIONS

16:9 SERIES | FEATURES

FEATURES

- Slim 38.5mm cabinet
- Uniform 16:9 ratio
- Wide Viewing Angle
- Extraordinary Colour
- High Brightness

FINE PIXEL PITCH

IDEAL USE

- Large format Screens
- Sports bar Screens
- Residential/workplace Screens

LED SPECIFICATIONS	0.9	1.2	1.58	1.9	2.5
PIXEL PITCH(mm)	0.9	1.2	1.58	1.9	2.5
LED TYPE	SMD	SMD	SMD	SMD	SMD
BRIGHTNESS (cd/m2)	100-500	100-500	100-500	100-600	100-600
REFRESH RATE (Hz)	1920-3840	1920-3840	1920-3840	1920-3840	1920-3840
POWER CONSUMPTION (Max/Ave) (W/m2)	812/287	746/263	597/191	406/143	382/134
MODULE RESOLUTION (px)	160x180	120x270	96x108	80x90	60x135
MODULE SIZE (mm)	152.5x171.5625	152.5x343.125	152.5x171.5625	152.5x171.5625	152.5x343.125
PANEL RESOLUTION (px)	640x360	480x270	384x216	320x180	240x135
PANEL SIZE (mm)	610x343.125x38.5	610x343.125x38.5	610x343.125x38.5	610x343.125x38.5	610x343.125x38.5
WEIGHT (kg/panel)	7	7	7	7	7
IP RATING	IP30	IP30	IP30	IP30	IP30
GRAY SCALE (Bit)	14	14	14	14	14
MAINTENANCE	Front	Front	Front	Front	Front
OPERATING TEMPERATURE/HUMIDITY (C/RH)	-10~40/10~85%	-10~40/10~85%	-10~40/10~85%	-10~40/10~85%	-10~40/10~85%

FEATURES

- Wide Viewing Angle
- Extraordinary Colour
- High Brightness
- Customisable Sizing Design
- Large range of installation solutions

INDOOR ADVERTISING

IDEAL USE

- Commercial Indoor Advertising
- Airports, Shopping Malls, Hotels
- Way-finding
- Large Format Screen Solution

LED SPECIFICATIONS	1.9	2.6	3.1	3.9
PIXEL PITCH(mm)	0.9	2.6	3.1	3.9
LED TYPE	SMD	SMD	SMD	SMD
BRIGHTNESS (cd/m2)	>800	>800	>800	>800
REFRESH RATE (Hz)	>1920	>1920	>1920	>1920
POWER CONSUMPTION (Max/Ave) (W/m2)	624/200	624/200	624/200	624/200
MODULE RESOLUTION (px)	128x128	96x96	80x80	64x64
MODULE SIZE (mm)	250x250	250x250	250x250	250x250
PANEL RESOLUTION (px)	256x256	192x192	160x160	128x128
PANEL SIZE (mm)	500x500x80	500x500x80	500x500x80	500x500x80
WEIGHT (kg/panel)	26	26	26	26
IP RATING	IP40/IP40	IP40/IP40	IP40/IP40	IP40/IP40
GRAY SCALE (Bit)	19	19	19	19
MAINTENANCE	Front/Rear	Front/Rear	Front/Rear	Front/Rear
OPERATING TEMPERATURE/HUMIDITY (C/RH)	-10~40/10~90%	-10~40/10~90%	-10~40/10~90%	-10~40/10~90%

PRE FABRICATED SOLUTIONS

FEATURES

- P2, P2.5 Pixel Pitch
- Ready to mount LED TV
- From 102" to 130"
- Reliable Long Lifespan
- Super Bright LED Technology
- Full Set Certificates
- Slimline Cabinet

INDOOR ADVERTISING

IDEAL USE

- Commercial Indoor Advertising
- Airports, Shopping Malls, Hotels
- Way-finding
- Large Format Screen Solution

LED SPECIFICATIONS	102"	130"
VIEWABLE AREA (HxW)	1280mm x 2240mm	1600mm x 2880mm

PREMIUM OUTDOOR LED

NEAR VIEW SERIES
FAR VIEW SERIES

FEATURES

- Front & Rear Access
- Weatherproof
- Clear resolution & High Brigthtness
- All-in-one 24/7 design
- Customisable sizings & Design

OUTDOOR CLOSE VIEWING

IDEAL USE

- Near view advertising
- Outdoor sports screens & TV Displays
- Carpark and Way-finding Displays

LED SPECIFICATIONS	3.1	3.9	4.8
PIXEL PITCH(mm)	3.1	3.9	4.8
LED TYPE	SMD (Black light)	SMD (Black light)	SMD (Black light)
BRIGHTNESS (cd/m2)	3000-3500	3000-3500	3000-3500
REFRESH RATE (Hz)	>1920	>1920	>1920
POWER CONSUMPTION (Max/Ave) (W/m2)	760/256	760/256	760/256
MODULE RESOLUTION (px)	80x80	64x64	52x52
MODULE SIZE (mm)	250x250	250x250	250x250
PANEL RESOLUTION (px)	240x320	192x256	156x206
PANEL SIZE (mm)	500x500x	500x500	500x500
WEIGHT (kg/panel)	30	30	30
IP RATING	IP65/IP54	IP65/IP54	IP65/IP54
GRAY SCALE (Bit)	16	16	16
MAINTENANCE	Rear	Rear	Rear
OPERATING TEMPERATURE/HUMIDITY (C/RH)	-20~50/10~90%	-20~50/10~90%	-20~50/10~90%

FEATURES

- Front and rear access
- Weatherproof
- High Brightness & High Visibility
- All-in-one 24/7 design
- Easy install
- High durability

OUTDOOR ADVERTISING

IDEAL USE

- Outdoor Advertising
- Building Displays
- Outdoor sports scoreboards

LED SPECIFICATIONS	6	8	10
PIXEL PITCH(mm)	6.67	8	10
LED TYPE	SMD	SMD	SMD
BRIGHTNESS (cd/m2)	>6000	>6000	>6000
REFRESH RATE (Hz)	>1920	>1920	>1920
POWER CONSUMPTION (Max/Ave) (W/m2)	680/272	680/272	680/272
MODULE RESOLUTION (px)	48x72	40x60	32x48
MODULE SIZE (mm)	320x480	320x480	320x480
PANEL RESOLUTION (px)	192x144	160x120	128x96
PANEL SIZE (mm)	1280x960x101* / 960x960	1280x960x101* / 960x960	1280x960x101* / 960x960
WEIGHT (kg/panel)	28	28	28
IP RATING	IP65/IP54	IP65/IP54	IP65/IP54
GRAY SCALE (Bit)	16	16	16
MAINTENANCE	Front/Rear	Front/Rear	Front/Rear
OPERATING TEMPERATURE/HUMIDITY (C/RH)	-20~50/10~90%	-20~50/10~90%	-20~50/10~90%

UNIQUE LED

TRANSPARENT LED

TRANSPARENT LED | FEATURES

UNIQUE PRODUCTS

FEATURES

- Unique "See-through" design
- Easy Installation and content delivery
- Visually Impacting

IDEAL USE

- Theming an area
- Indoor attractions
- Special Advertising

LED SPECIFICATIONS	3.9x7.8	6.5
PIXEL PITCH(mm)	P3.91 x P7.81 (H/V)	P6.5 (H/V)
LED TYPE	Nationstar Black Lamp SMD 1921	CSP/WLP
BRIGHTNESS (cd/m2)	1000-1500	3000
REFRESH RATE (Hz)	1920Hz	1920Hz
POWER CONSUMPTION (Max/Ave) (W/m2)	150w-250w	350w-1050w
MODULE RESOLUTION (px)	512px	96px
MODULE SIZE (mm)	500mm x 125mm	481mm x 26mm
PANEL SIZE (mm)	500mm x 500mm	1443mm x 208mm
WEIGHT (kg/panel)	13.5 kg	5.5 kg
IP RATING	43	43
TRANSPARENCY RATING	60%	62%
GRAY SCALE (Bit)	12-16 bit	12-16 bit
MAINTENANCE	Front/Rear	Rear
OPERATING TEMPERATURE/HUMIDITY (C/RH)	-20 ~ -40/10% ~ -70%	-20~55/10% ~ 90%

CONTACT US

TEKDIS

CONTACT

TEKDIS can provide End to End solution with Installation and commissioning including customization for mounting solutions, metal work and colour enclosures including HALO surround backlighting.
All LED products are covered by 2-year minimum parts warranty and 6 months install warranty.

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