

INFILED

Screen your dreams



WT SERIES

Micro-pitch display for immersive visuals

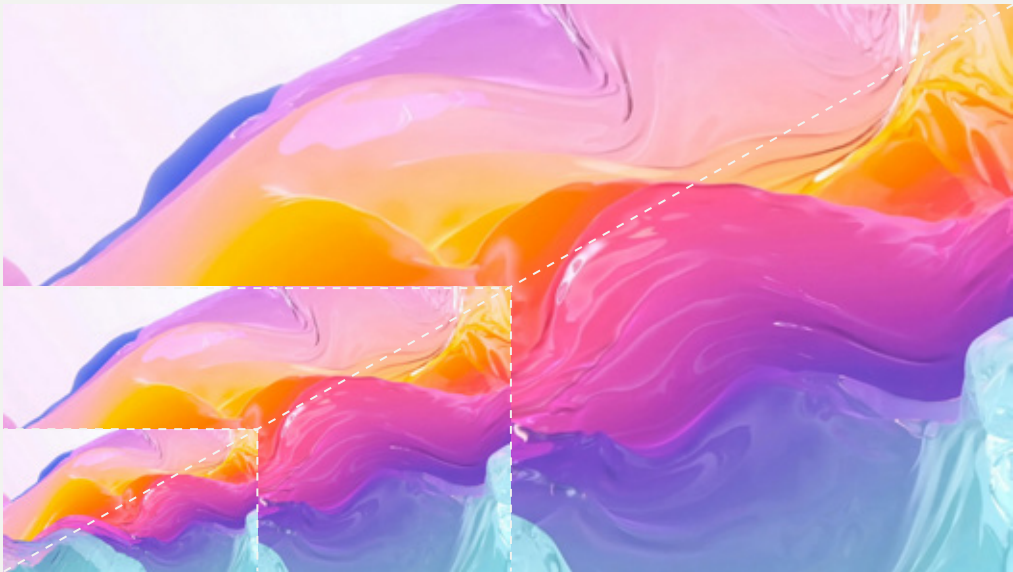
CONTROL ROOMS | CORPORATE

FROM VISION TO REALITY

Purpose-built for mission-critical indoor environments, the upgraded WT Series delivers a lighter, slimmer design with enhanced brightness and effortless, flexible connectivity. Combining precise color performance and simplified maintenance in a micro-pitch format, WT transforms control rooms and corporate spaces with clear, stable visuals and seamless installation.

◆ **Micro-Pitch Clarity**

Native 16:9 aspect ratio enables seamless 2K, 4K, 8K, and 16K playback without black borders or image distortion, while a 170° viewing angle maintains consistent color and brightness across indoor spaces.



2K 1920 x 1080 4K 3840 x 2160 8K 7680 x 4320 16:9 aspect ratio

◆ **True-To-Source Color**

Advanced processing matches the screen's color gamut to your content source, eliminating color deviations and delivering lifelike visuals with consistent uniformity.



◆ **Slim and Lightweight**

Each cabinet weighs 4.5kg with a 29.4mm thickness (max 37mm), achieving a 44.5mm wall-mount depth for space efficiency.

◆ **Flexible Configuration**

Integrated daisy-chain cabling supports flexible horizontal and vertical arrangements for clean, efficient setups.

◆ **Small Module Design**

Minimizes deformation and cumulative tolerance, with flatness controlled within 0.1mm for long-term stability.

◆ **Front Service Access**

Front servicing with magnetic tools enables quick and easy module replacement.



BEHIND OUR SCREENS LIES A WORLD OF ENGINEERING.

Seamless splicing and no noticeable visual black seam, giving you an extremely comfortable viewing experience. Moreover, ColdLED screen technology extends the product life and improves the near-screen experience.

◆ **ColdLED Technology**

Featuring inverted LED packaging, increased luminous efficiency, an energy-efficient IC driver, and meticulous power distribution design, ColdLED optimizes heat dissipation.

ColdLED



- The flip-chip technology ensures energy saving and extends the LED life cycle.
- Ensures premium quality while significantly reducing power consumption.
- Offers an immersive direct LED screen viewing and touch experience.
- Enhances LED thermal patterns to elevate picture quality and ensure a more dependable product lifespan.

◆ **Low Maintenance Cost**

Small module design allows fast, low-loss replacement with minimal service interruptions.

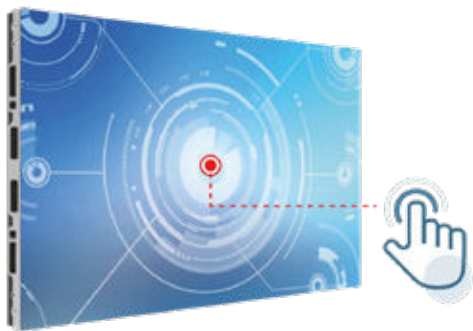


◆ **System Reliability**

8kV ESD protection, Class B EMC compliance, and real-time monitoring ensure stable operation. Dual power and signal backups further enhance system reliability for mission-critical use.

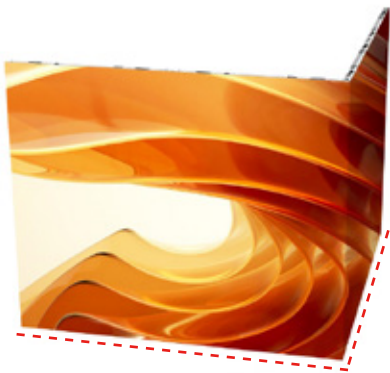
◆ **Simple Touch Control - OPTIONAL**

THE INFRARED TOUCH feature (optional) makes screen control easy and users can enjoy a responsive and accurate touch experience.



◆ **Custom shape support**

Right-angle and irregular configurations enable creative, site-specific installations.



CUSTOMIZATION AND OPTIONAL ACCESSORIES TO MEET CUSTOMER NEEDS.

◆ HDR Technology

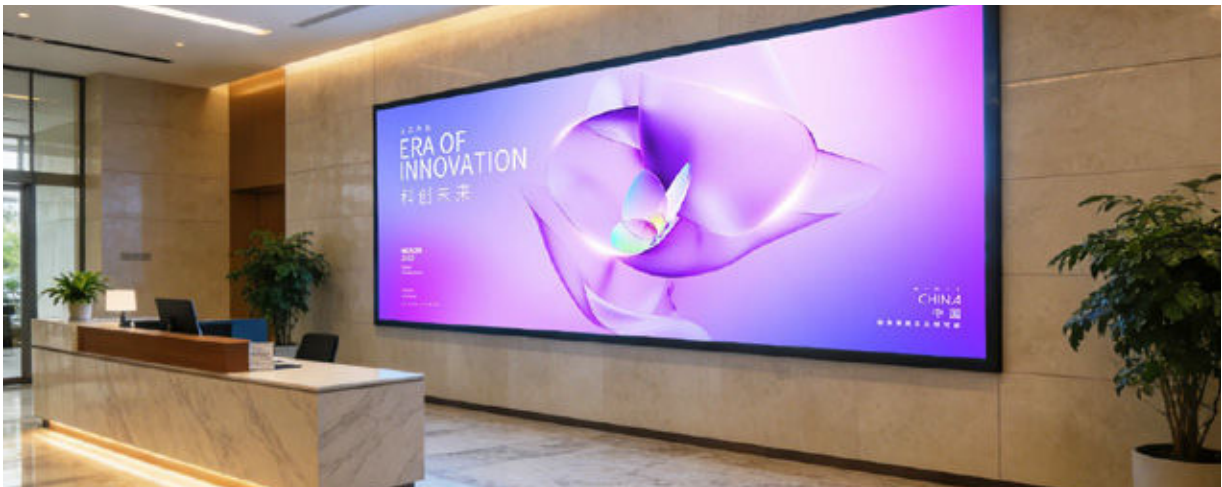
A 100,000:1 contrast ratio, HDR10 support, and 16-bit grayscale ensure deep blacks, vivid highlights, and smooth gradation across brightness levels, creating clear and immersive images.



◆ Flip-Chip COB Display Packaging

WT is available with Flip-Chip COB packaging for fine-pitch indoor applications, combining high pixel density with enhanced durability and thermal performance.

- Improves heat transfer from the LED chip to the substrate
- Reduces exposed bonding and mechanical stress in fine-pitch layouts
- Enhances long-term reliability for mission-critical environments
- Supports consistent image performance in continuous-use applications



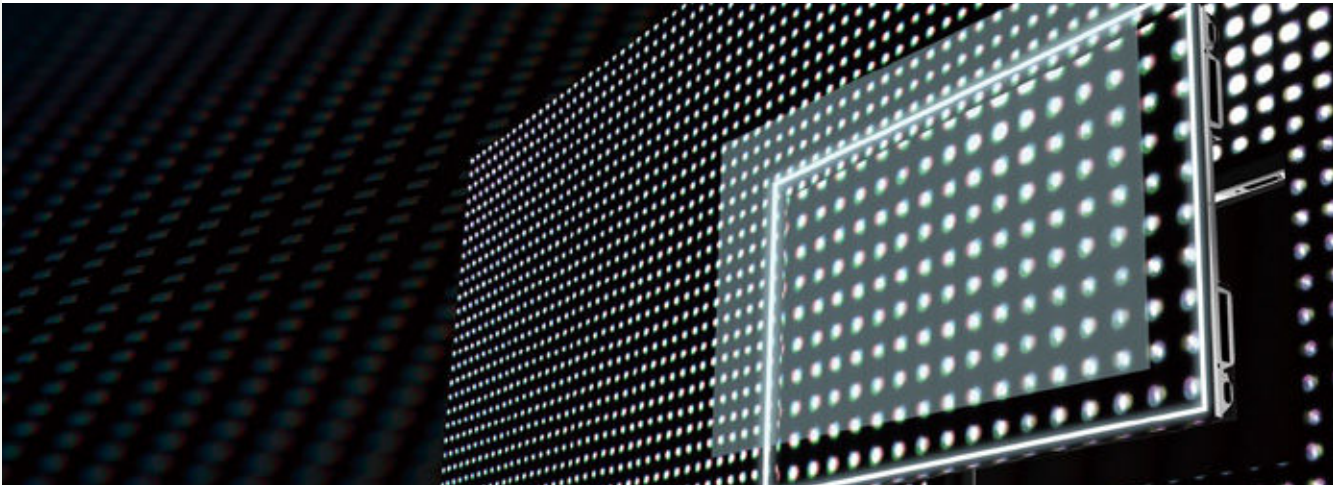
ADVANCED TECHNOLOGIES FOR ENHANCED PERFORMANCE

WT integrates INFiLED’s SolidSkin technology with advanced protective encapsulation to improve surface durability and reduce the risk of pixel damage. Combined with Flip-Chip COB and MIP configuration options, WT offers a reliable micro-pitch platform for control rooms, corporate spaces, XR&VP environments and other high-end indoor installations.



A robust protective layer enhances impact resistance and shields LEDs from moisture, salt mist, and oxidation, extending product lifespan. The surface is touch-friendly, easy to clean, and reduces moiré patterns for clear, consistent visuals.

Compatible with MIP and COB configurations for diverse project needs.



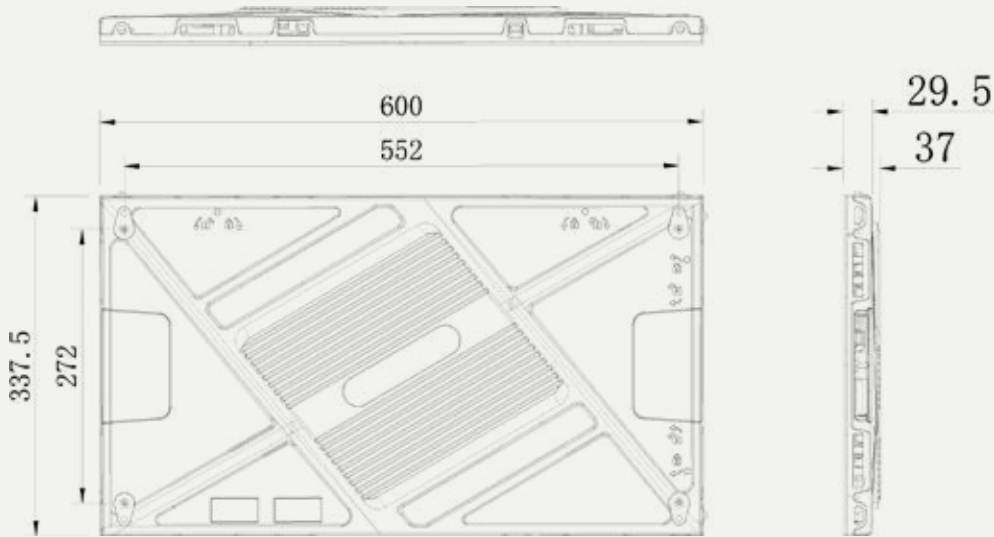
◆ Extra Protection

The protective surface helps shield the LED area from everyday contact, cleaning, dust and accidental impact, making WT suitable for demanding indoor spaces where reliability and low maintenance are essential.

◆ Clear, Reliable Viewing

SolidSkin helps preserve image consistency over time while reducing pixel damage and service interruptions. Together with WT’s slim cabinet design, front service access, small module structure and stable 16:9 format, it supports long-term visual performance with efficient installation and maintenance.

SPECIFICATIONS



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WT Specification

General Information	Model Number	IL-FISS-IRWT0.93-SSM	IL-FISS-IRWT0.93-SSC	IL-FISS-IRWT1.25-SSM
	Pixel Pitch	0.93mm	0.93mm	1.25mm
Physical Parameter	Physical Density	1,137,777 pixels/m²	1,137,777 pixels/m²	640,000 pixels/m²
	LED Arrangement	MIP0606	Flip chip COB	MIP0606
	Module Dimensions (W x H, mm)	150x168.75mm (5.91x 6.64 in)	150x168.75mm (5.91x 6.64 in)	150x168.75mm (5.91x 6.64 in)
	Module Resolution (W x H)	160x180 pixels	160x180 pixels	120x135 pixels
	Cabinet Dimensions (mm/inch)	600x337.5x29.5mm (23.62x13.29x1.16 in)	600x337.5x29.5mm (23.62x13.29x1.16 in)	600x337.5x29.5mm (23.62x13.29x1.16 in)
	Cabinet Resolution	640x360 pixels	640x360 pixels	480x270 pixels
	Cabinet Weight (Unit case/Square meter)	22.22 kg/m² (48.99 lb/m²)	22.22 kg/m² (48.99 lb/m²)	22.22 kg/m² (48.99 lb/m²)
Optical Parameter	Brightness (After Calibration)	1000nits	1000nits	1000nits
	Viewing Angle	170°/170°	160°/16 0°	170°/170°
Power Supply	Max. Power Consumption(W/Unit)	296W/Panel	296W/Panel	296W/Panel
	Avg. Power Consumption(W/Unit)	99W/Panel	99W/Panel	99W/Panel
	Operating Power Source	100-240V AC 50-60Hz	100-240V AC 50-60Hz	100-240V AC 50-60Hz
Control System	Refresh Rate	1920Hz~3840Hz	1920Hz~3840Hz	1920Hz~3840Hz
	Signal Input Source	DVI, HDMI, DP, MINI DP, VGA, SDI, HD, SDI	DVI, HDMI, DP, MINI DP, VGA, SDI, HD, SDI	DVI, HDMI, DP, MINI DP, VGA, SDI, HD, SDI
Operation Conditions	Operating Temperature	-10°C--+45°C	-10°C--+45°C	-10°C--+45°C
	IP Rating (Front/Rear)	IP30	IP30	IP30
	Certification	CE, FCC, RoHS, ETL	CE, FCC, RoHS, ETL	CE, FCC, RoHS, ETL

WT Specification

General Information	Model Number	IL-FISS-IRWT1.25-SSC	IL-FISS-IRWT1.56-SSM	IL-FISS-IRWT1.56-SSC
	Pixel Pitch	1.25mm	1.56mm	1.56mm
Physical Parameter	Physical Density	640,000 pixels/m²	409,600 pixels/m²	409,600 pixels/m²
	LED Arrangement	Flip chip COB	MIP0606	Flip chip COB
	Module Dimensions (W x H, mm)	150x168.75mm (5.91x 6.64 in)	150x168.76mm (5.91x6.64in)	150x168.76mm (5.91x6.64in)
	Module Resolution (W x H)	120x135 pixels	96x108pixels	96x108pixels
	Cabinet Dimensions (mm/inch)	600x337.5x29.5mm (23.62x13.29x1.16 in)	600x337.5x29.5mm (23.62x13.29x1.16 in)	600x337.5x29.5mm (23.62x13.29x1.16 in)
	Cabinet Resolution	480x270 pixels	384x216 pixels	384x216 pixels
	Cabinet Weight (Unit case/Square meter)	22.22 kg/m² (48.99 lb/m²)	22.22 kg/m² (48.99 lb/m²)	22.22 kg/m² (48.99 lb/m²)
Optical Parameter	Brightness (After Calibration)	1000nits	1000nits	1000nits
	Viewing Angle	160°/160°	170°/170°	160°/160°
Power Supply	Max. Power Consumption(W/Unit)	296W/Panel	296W/Panel	296W/Panel
	Avg. Power Consumption(W/Unit)	99W/Panel	99W/Panel	99W/Panel
	Operating Power Source	100-240V AC 50-60Hz	100-240V AC 50-60Hz	100-240V AC 50-60Hz
Control System	Refresh Rate	1920Hz~3840Hz	1920Hz~3840Hz	1920Hz~3840Hz
	Signal Input Source	DVI, HDMI, DP, MINI DP, VGA, SDI, HD, SDI	DVI, HDMI, DP, MINI DP, VGA, SDI, HD, SDI	DVI, HDMI, DP, MINI DP, VGA, SDI, HD, SDI
Operation Conditions	Operating Temperature	-10°C--+45°C	-10°C--+45°C	-10°C--+45°C
	IP Rating (Front/Rear)	IP30	IP30	IP30
	Certification	CE, FCC, RoHS, ETL	CE, FCC, RoHS, ETL	CE, FCC, RoHS, ETL

The product specifications can be customized.

RENTAL | CORPORATE | XR&VP

PIXEL PITCH	0.93, 1.25, 1.56 mm
BRIGHTNESS	1000nits
CABINET SIZE (WxHxD)	600 x 337.5 x 29.4mm
IN/OUT	INDOOR



CHINA | EUROPE | UK | MIDDLE EAST | US | JAPAN | MALAYSIA | SOUTH KOREA | AUSTRALIA | NEW ZEALAND | SOUTH AMERICA



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