



**HOME THEATER,E-SPORTS,  
INTELLIGENT DISPLAY FIELD  
SPACE 21:9 EXPERTS**

SHENZHEN KMTEKLED PHOTOELECTRICITY CO. , LTD

[www.kmtekled.com](http://www.kmtekled.com)

**21:9**

A full range of **ultra-widescreen**  
**5K resolution** products has been  
launched, providing you with a  
**wider field of view and a more**  
**immersive** visual experience.



# Why choose 21:9?



## 21:9 Monitor

### Broader Field of View

Thanks to its ultrawide screen ratio, the 21:9 monitor delivers a significantly wider viewing perspective.

### Enhanced Office Efficiency

In office software like Word and Excel, it can display more document pages and columns simultaneously, streamlining multi-tasking and data management.

### Superior Dual-Screen Advantage

With its ultrawide horizontal resolution, it enables seamless dual-screen operation—eliminating the need for physical dual monitors and maintaining a unified visual experience.

### Elevated Gaming & Movie Experience

New-generation games are optimized for 21:9, offering expanded field of view for competitive advantages. Its cinema-grade 21:9 ratio also creates immersive movie-watching with minimal black bars.

### Diversified Scenario Applications

The 21:9 ultrawide aspect ratio adapts to specialized environments, including professional design, financial data visualization, and multi-tasking workstations.



## 16:9 Monitor



### Narrower Viewing Field

Compared to 21:9 monitors, 16:9 displays have a significantly narrower horizontal perspective, limiting the scope of simultaneous visual content.



### Inferior Gaming & Movie Experience

Games may lack the expanded field of view offered by 21:9, failing to provide competitive advantages or cinema-grade immersion. Movie-watching often results in prominent black bars due to mismatched aspect ratios.



### Aesthetic Fatigue

As the mass-market standard, the 16:9 aspect ratio lacks visual novelty, struggling to deliver refreshing design or impactful widescreen aesthetics.

# Digital Signage Series

Screen Sizes: 81", 92", 94", 105"

Brightness Options:

**500 nits, 700 nits,**  
**1500 nits, 2500 nits**

OS

Dual OS Support: Android / Microsoft

21:9

Aspect Ratio: 21:9

5K  
ULTRA HD

Resolution: 5K ULTRA HD (5120x2160)

QLED

Panel Technology: QLED



Refresh Rate: 60Hz



Key Features: QLED panel with local dimming technology



## Digital Signage Series



Visually appealing  
in both horizontal  
and vertical viewing



## Digital Signage Series

Visually appealing  
in both horizontal  
and vertical viewing



# Esport Monitor/Cinema Series

## Immersive visual enjoyment

21:9

Display Aspect  
Ratio 21:9

5K

ULTRA HD

5120\*2160  
(5K)



144HZ  
Refresh Rate

QLED

QLED  
Panel



Local Backlight  
Control Technology



## Esport Monitor/Cinema Series



144Hz Refresh rate provides  
smoother graphics for games

## Esport Monitor/Cinema Series



21:9 Ultra-wide screen brings  
immersive viewing experience

# Smart Conference Panel Series

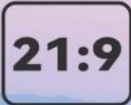
## Smart Conference Panel 81" 92" 94" 105"



Android  
/Microsoft  
dual system



Capacitive  
full mount  
/Infrared  
zero mount



Display Aspect  
Ratio **21:9**



5120\*2160(**5K**)



**60HZ**  
Refresh Rate



**QLED**  
Panel



Local **Backlight**  
Control Technology



## Smart Conference Panel Series



Redefine conference Panel,  
more efficient and convenient

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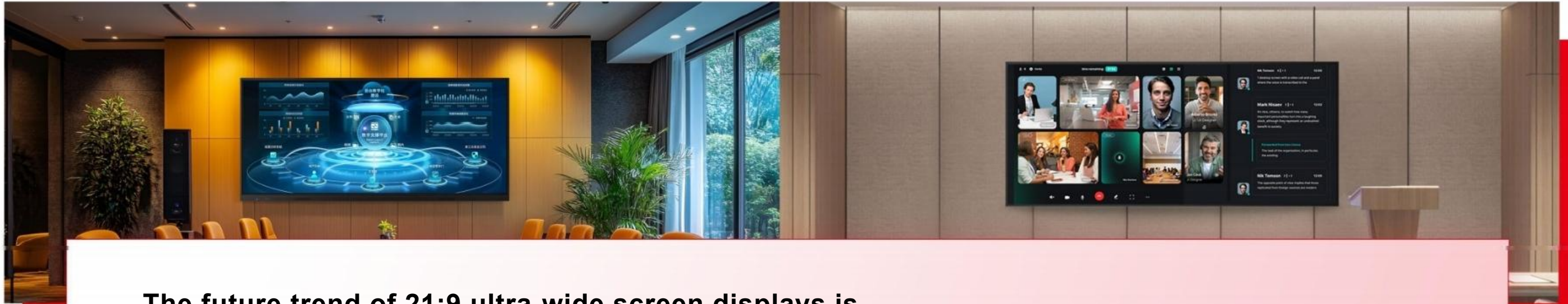
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Full range of ultra-widescreen monitors



| 21:9<br>display size | display type | Backlight partition                              | Number of partitions | Contrast      | Refresh rate support | brightness | 5K screen | Touch support                      | ADA compliant<br><small>(including wall mount)</small> |
|----------------------|--------------|--------------------------------------------------|----------------------|---------------|----------------------|------------|-----------|------------------------------------|--------------------------------------------------------|
| 105"                 | IPSLCD VALCD | Supports zone dimming<br>quantum dots + mini LED | 288-1188             | 4000-100000:1 | 60Hz-120Hz-144Hz     | 400-1700   | support   | Infrared touch<br>capacitive touch | support                                                |
| 94"                  | IPSLCD VALCD | Supports zone dimming<br>quantum dots + mini LED | 288-1188             | 4000-100000:1 | 60Hz-120Hz-144Hz     | 400-1700   | support   | Infrared touch<br>capacitive touch | support                                                |
| 92"                  | IPSLCD VALCD | Supports zone dimming<br>quantum dots + mini LED | 288-1188             | 4000-100000:1 | 60Hz-120Hz-144Hz     | 400-1700   | support   | Infrared touch<br>capacitive touch | support                                                |
| 81"                  | IPSLCD VALCD | Supports zone dimming<br>quantum dots + mini LED | 288-1188             | 4000-100000:1 | 60Hz-120Hz-144Hz     | 400-1700   | support   | Infrared touch<br>capacitive touch | support                                                |

# Conclusion



The future trend of 21:9 ultra-wide screen displays is **towards a broader vision, higher work efficiency, and more immersive entertainment experience**, Its ultra-wide field of view and multitasking capabilities make it increasingly popular in gaming, professional work, and daily office work, indicating that it may become a mainstream display trend in the future.



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