



ITMEDIA KDS Touch 421-A

Professional Android Kitchen Touch Display



Optional Mounting Solutions available

Key Features

- 21,5" IP65 / IP54 Touch Display
- RK3576S Processor
- Android 14
- 4GB / 64GB
- Stainless Steel Housing
- Easy to clean
- Fanless
- POE Option

GENERAL INFORMATION

Model	ITMEDIA KDS Touch 421-A
Display Size	21,5" ELED
Max. Resolution	1920 x 1080 Pixel (16:9)
Touch	Capacitive touch screen 10 Point
View Angle	R/L 89/89, O/U 89/89
Colour	16,7 M / 75% NTSC
Orientation	Vertical / Horizontal
Contrast	3000:1
Response Time	18 ms
Brightness	250 nits (optional 300nits)
Certification	Front IP65, Back: IP54
Life Exp. (backlight)	30.000h

INTERFACES

Connectors	USB 3.0 Host x 1, USB 2.0 Host x 1 USB-C (nur OTG), HDMI-IN 4k
Speakers	4Ω 5W x 2
RTC	Battery
Camera	integr.. 8 MP Camera MIPI
Network	Ethernet 10/100/1000 RJ-45
WLAN / WiFi	IEEE 802.11a/b/g/n/ac/ax (WiFi 6)
Bluetooth	V5.4

OPERATING SYSTEM / MEDIA

Operating System	Android 14
Processor	RK3576S Quad core cortex A53+ Quad core cortex A72
ROM / RAM	64 GB onboard, 4GB RAM onboard
Decoder-Support	Separate Format-Info available e.g., MPEG-1,MPEG-2,MPEG-4,H.265,H.264,VP9,AV1, AVS2,MVC,AVC ,etc., support up to 4K@60fps

POWER

Power	DC 12V 3A Adapter 1,5m
POE	Optional IEEE802.3bt, up to 60W) -AP

ENVIRONMENT

Operating Temperature	0 °C - 40 °C
Humidity (Operation)	20~80% RH (Non condensing)
Storage Temperature	-20°C---60°C
Humidity (Storage)	10~95% RH (Non condensing)

SPECIFICATIONS

Physical	
Colour / Housing	Gray
Material	Stainless steel
VESA	100*100mm/75*75mm
G-Sensor	Support
Certification	CE / FCC / CCC IP54 IP65

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Master imaging, setup & customizing, individual lasering with company names and inventory numbering on request, customer-specific hardware adaptation possible for bulk purchases. All systems have the necessary certifications required in the EU.

Specifications may be changed without prior notice. Please update your specification before purchasing the product.

Rev 1 – 2026/01/23



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ITMEDIA KDS Touch 421-A

Professional Android Kitchen Touch Display



Easy to clean



Scratch-proof



Corrosion-resistant



Impact-resistant



More eco-friendly



Advanced Protection

IP65-rated front & IP54-rated back



10-Point Capacitive Touch

Response 10-point multi-touch technology enables intuitive ordering and interface navigation even when wearing gloves or with oily hands, ensuring flexible operation in any situation.



Portrait/Landscape Orientation Switch

Use landscape mode for menu display, or rotate 90 degrees to switch to portrait mode during ordering. Quickly sensing enables seamless switching between landscape and portrait orientations.



High-Definition Camera

Equipped with an 8-megapixel HD camera, the KDS kitchen touch displaying helps keep your kitchen environment under control, especially combining advertising display with security monitoring.

Traditional Wi-Fi

ISP: 100 Mbps



MU-MIMO Wi-Fi

ISP: 100 Mbps



WiFi 6E

WiFi 6E WITH MU-MIMO TECHNOLOGY

Faster And Smoother.

KDS powered by WiFi-6 brings a new era of kitchen efficiency. High-speed, low-latency network connections ensure every order is synchronized in real time, with instant updates on the display. Even during peak hours, the kitchen remains stable and efficient, so dishes are prepared on time without delay.

Supports Google EDLA

Built-in Google EDLA certification support enables secure control and permission management for app installation and content delivery. It effectively prevents risks such as unauthorized app execution and content tampering, making it particularly suitable for unified management of multiple devices in chain restaurant settings. This solution enhances security and operational efficiency for bulk device management.



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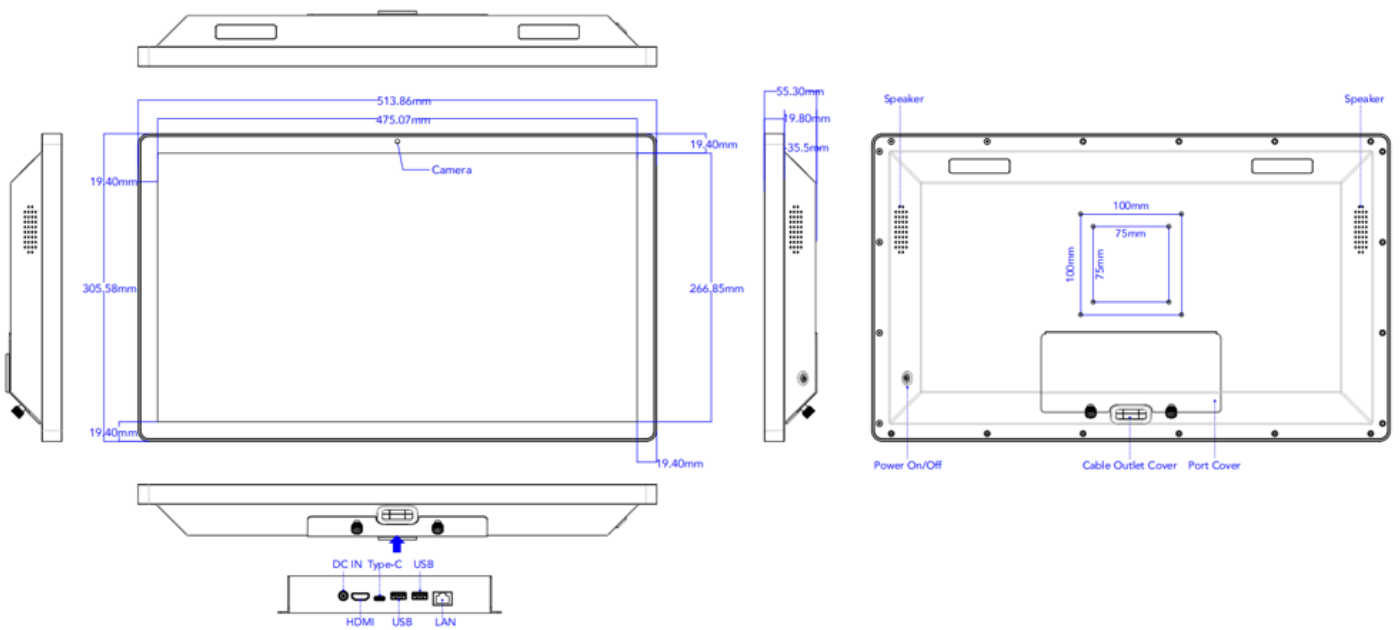
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TECHNICAL DATA

LCD Display / Module Units : mm

21,5" (Alternative display sizes available: 15,6" | 23,8")



Optional Mounting Solutions (to be order separately)



-WM



-RA



-PM

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