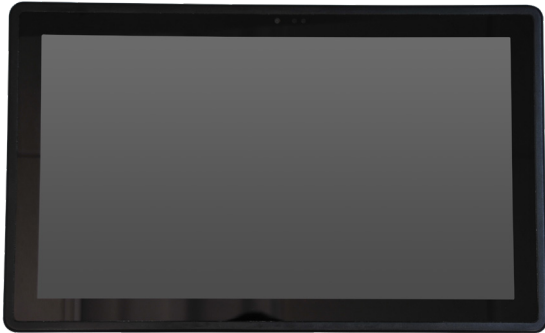


# 21.5" Outdoor P-Cap Touch and Non-Touch Display

MOT-21580CH, MOT-21580H

Touch

Non-touch



*A diverse and durable 1500 NIT outdoor display with a beautifully vibrant picture.*

## 21.5" Outdoor Display Screen

Mimo Monitors is proud to introduce the first in a line of small format touch displays designed for optimum outdoor performance. Durable, reliable, and beautifully vibrant, this small format outdoor display is available with or without Android player and works at an extended temperature range, from -20c to 50c degrees, making it ideal year round, no matter the temperature. To protect from the elements ranging from water, moisture, sand, dust and insects this commercial display is IP65 rated, allowing for hard use in nearly every weather condition. With 1500 nits of light, this display offers stunning, clear, crisp, and easy to see visuals both in sunlight and ambient lighting. For added impact the light sensor adjusts the display's brightness during cloudy days and at nighttime to optimize power consumption and ensure an ideal viewing experience. The Mimo Outdoor High Bright Displays are the perfect digital signage for amusement parks, sports arenas, quick service restaurant order, outdoor kiosks, gas stations, and many more commercial applications.

### Features:

- IP 65 rating
- Optic bonded to reduce glare
- High bright, vivid screen
- PCAP touch - optional MOD-21580CH
- Wide operating temperature for very hot and very cold conditions
- Anti-glare cover glass

### Applications:

- Outdoor interactive digital signage
- Outdoor interactive wayfinding
- Outdoor menu boards with ordering capability
- Outdoor stadiums
- Outdoor amusement parks
- Outdoor restaurants
- Outdoor transportation
- Outdoor service and gas stations
- Food trucks





## Build for long term use and support

The Mimo Outdoor Display with Android is designed and supported as a long term commercial product. The external specifications and tooling are controlled to ensure a long product life, which is crucial for maintaining continuity for all phases of project rollouts and service.

## Quad Core ARM A17

The tablet uses a quad core Cortex A17 chipset with a 1.8GHz peak frequency that supports the latest ARM processor optimized

package. Apps launch instantly and run smoothly. The processor features a quad-core GPU, so that all graphic-intensive apps are fluid and lifelike. All this, combined with 2GB of dual-channel DDR3 memory, distinguishes our tablet from other solutions.

## Android 8.1 OS, license free

The quad-core with Android 8.1 OS has accelerated webpage opening speed by 50%, app installation speed by 25%, app loading speed by 16%, video and photo loading speed by 30%. The Mimo Outdoor Display with Android can be installed with applications downloaded from Android Market for different customized demands.

## High-quality tempered glass multi-touch panel

The Mimo Outdoor Display with Android features a 10 point multi-touch projected capacitive panel. The capacitive touch panel is made of scratch-free tempered glass, and produced with a double-deck glass process and advanced laser carving. The touch panel responds fast and accurately without dead corners, allowing users to easily interact with your designed app.

## VESA mount, wired Ethernet

Unlike consumer tablets, the Mimo Outdoor Display with Android is designed with VESA mounting holes on the back, and an SD card with protection cap to meet the demanding environment of commercial and retail installations. In addition to the built-in Wi-Fi, our tablet comes with a wired RJ45 Ethernet connection and a SD memory slot to expand the internal memory. Along with wired Ethernet, the Mimo Outdoor Display with Android can also connect printers, bar code scanners, or any other USB accessory to the USB ports located on the back side tablet.

## Add on Module Slot

The Mimo Outdoor Display with Android has 3 USB based add on module slots. These slots are designed to accept a magnetic stripe reader, 2D barcode reader, NFC module and more. New hardware capabilities can be added for future requirements.

## Play Full HD video smoothly, support, Flash & HTML5

The Mimo Outdoor Display with Android plays 4k videos smoothly, and is compatible with 480P, 720P, and 1080p videos in all kinds of formats: TS, H.264, WMV, MPEG4, etc. The tablet supports Adobe Flash 11.0 and HTML5 animation technology, and can easily access dynamic webpage, and on-line videos or games.

## The best equipped commercial and retail tablet

The Mimo Outdoor Display with Android is fully equipped with all the typical tablet functions for running advanced and sophisticated client applications and offering users a rich and interactive experience.

## Elegant, Light, Durable, Modern, Professional

The Mimo Outdoor Display with Android is designed with high-quality ABS case with modern zero-bezel design, thus greatly improving scratch resistance.

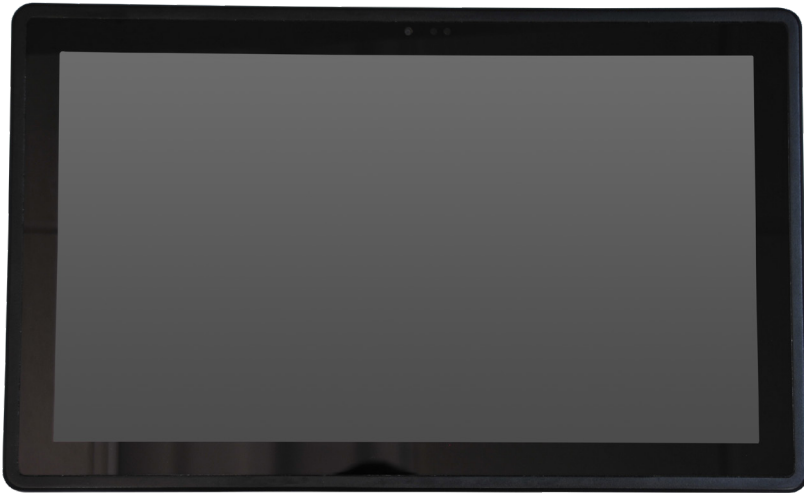
## Product Specifications

DISPLAY	Display	21.5" horizontal
	Resolution	1920 x 1080
	Brightness	1500 NITS
	Contrast	1000:1
	Aspect Ratio	16:9
	Optic Bonded	Yes
	Viewing Angle	85/85/85/85
	I/O	Ethernet, HMDI, VGA, USB
	Touch	10-point P-Cap
	Power	100-240VAC
	IP Rating	IP65
	Operating Temperature	-20F - 122F

## Technical Specifications

Media Format	Video	MKV, TS, FLV, AVI, VOB, MPG, DAT, ASF, RM, MOV, 3GP, MP4, WMV
	Audio	MP2, WMA, WAV, AAC, OGG, ASF
	Picture	JPG, BMP, GIF
Ethernet	RJ45	10/100/1000Mbps LAN
Wireless	Wi-Fi	802.11 a/b/g/n/ac Dual Band 2.4 and 5.0 GHz
	Bluetooth	BT4.0
Camera	Front	Front: 5M pixels (optional)
OSD Function Keys	Keys button	+, -, Up, Down, Menu/Enter
Hardware Systems	CPU	Cortex-A17, Quad Core, up to 1.8 GHz
	DRAM Memory	2GB DDR3 SDRAM
	Storage Memory	8GB eMMC Flash
	External Memory	SD Card (SDHC Class10 compatible)
	Software / OS	Android 6.0 Marshmallow
General Information	Case design	Body and cover are black ABS & PC
	Dimensions without add-ons	Width: 536.6mm x Height: 330.2mm x Depth: 44.5mm
	Mounting	100mm x 100mm VESA mounting screw holes
	Clock Battery (for RTC)	Lithium-ion non-rechargeable coin battery
	Storage Temp	-15 -- 65 degrees C
	Working Temp	-20 --50 degrees C
	Storage / Working Humidity	10 – 100% non-condensing
	MTBF	50,000 hours demonstrated
	Warranty	3 years
	Certifications	FCC, CE, & RoHS

## Product Pictures



## Mechanical Design

1. USB
2. Audio
3. RGB
4. Power
5. HDMI
6. R545 Ethernet
7. OSD
8. VESA 100 Mount Holes



**Mimo Monitors**  
743 Alexander Rd. Suite 15  
Princeton, NJ 08540

info@mimomonitors.com  
Sales: **1-855-YES-MIMO (937-6466)**

2020-0126  
Rev 3 - 79931