

## Adapt-IQV 10.1" Digital Signage Tablet

Model: MCT-10HPQ-L/MCT-10HPQ-POE-L



*A truly brilliant, smart, and professional Android tablet designed for commercial and retail use.*

The Adapt-IQV by Mimo is not a consumer tablet, but a tablet thoughtfully designed for commercial use where running 24/7 is crucial. With hardware designed for commercial and retail use, added features such as robust case, tempered glass, design and testing for 24/7 use, VESA mounting, SD card protection system, stereo audio output, our tablet is the best Android solution for the demanding commercial and retail environment. The Adapt-IQV utilizes the security of wired with optional power over Ethernet OR the convenience of wireless Ethernet connections. Designed for fixed applications where a rugged mountable Android tablet is desired and where battery power is not required.

The Mimo Adapt-IQV tablet is designed to enhance the customer experience and provide the most cost effective solutions for retail POS/POP, commercial, industrial, and hospitality markets. Perfect for end-cap displays, kiosks, or as a customer-facing display in retail POS/POP environments.

### LED Color Bar for Room Signage and Access Control

The Mimo Adapt-IQ tablet is designed to enhance the efficiency of the company meeting room by offering an easy to read LED system. With built in LED's on the border of the Monitor, it will be simple to read the occupancy and schedule of the room.

### Build for long term use and support

The Adapt-IQV 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. The internal assemblies were developed for the Adapt-IQV and are not subject to obsolescence. While internal components have changed for the better, this can be done without modification by the end user.

### 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.



Green LED shown



Red LED shown

## Android 6.0 Marshmallow OS, license free

The quad-core Adapt-IQV with Android 6 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 Adapt-IQV by Mimo can be installed with applications downloaded from Android Market for different customized demands.

## High-quality tempered glass multi-touch panel

The Adapt-IQV by Mimo 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 and Optional Power over Ethernet

Unlike consumer tablets, the Adapt-IQV 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 Adapt-IQV can be optionally configured with Power over Ethernet (POE) to power the tablet over the network connection. On the Adapt-IQV, you 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 Slots

The Adapt-IQV by Mimo 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 Adapt-IQV by Mimo 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 Adapt-IQV 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 Adapt-IQV 10.1" is designed with high-quality ABS case with modern zero-bezel design, thus greatly improving scratch resistance.



Unlit LED Panel shown

# Technical Specifications

Display	TFT LCD	10.1" inch configuration
	Number of Pixel	1280 RGB (H) x 800(V)
	Aspect Ratio	16:10 wide
	Touch Panel	10 point touch projected capacitive
	Back-light	LED Side-light type
	Brightness	350 cd/m2
	Contrast Ratio	600:1
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
I/O	SD card slot	SD card (SDHC Class10 compatible)
	USB	USB 2.0 host type A×1
	Micro USB	Micro USB 2.0 × 1
	Add-on Module slot	USB 2.0 x 3
Speakers	High quality speaker	3W ×2
	Amplifier	2.5W x2
Power	Power requirement	DC 12V±5% input – barrel connector
	Power consumption	1KHz audio playback: ~18W max. - Off: 0W
	AC/DC Adapter	AC 100-240Vac, 2A max. 50-60Hz, 12V/2A AC/DC Adapter supplied
	Power over Ethernet POE	Yes, optional
	LED	ON: Green - Timer standby: Orange - OFF: light off
	Switch	Power switch on back
Ethernet	RJ45	10/100/1000Mbps LAN
Wireless	Wi-Fi	802.11 a/b/g/n/ac
	Bluetooth	BT4.0
Camera	Front	Front: 2M pixels (optional)
Function Keys	Keys button	+, -, Up, Down, Menu/Enter
Barcode Scanner	Barcode Scanner	2D Barcode scanner (optional)
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: 252mm x Height: 178mm x Depth: 24mm
	Weight without add-ons	595g
	Mounting	VESA 75mmx75mm mounting screw holes
	Clock Battery (for RTC)	Lithium-ion non-rechargeable coin battery
	Storage Temp	-15 -- 65 degrees C
	Working Temp	-10 --50 degrees C
	Storage / Working Humidity	10 – 90% non-condensing
	MTBF	50,000 hours demonstrated
	Warranty	3 years
	Certifications	FCC, CE, & RoHS

# Mechanical Design

## Front

- 1. Camera (optional)



## Top

- 2. LED
- 3. SD card slot + cover
- 4. Menu/Enter button
- 5. Function keys (up/down)
- 6. Function keys (Vol+ / Vol-)



## Back

- 7. Speakers
- 8. VESA mounting holes
- 9. DC in
- 10. Add on Module Slot



## Bottom

- 9. DC in
- 10. Add on Module Slot
- 11. Ethernet RJ45 port
- 12. USB type A
- 13. Micro USB
- 14. Power switch



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