

# Adapt-IQ 7" Digital Signage Tablet with PoE

Model: MCT-70QDS-POE / MCT-70QDS-POE-5.1



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

The Adapt-IQ by Mimo is not a consumer tablet, it is designed for 24/7 use. With hardware designed for commercial use, tempered glass, design and testing for 24/7 use, VESA mounting, and optional power over Ethernet, our tablet is the best Android solution for commercial and retail use. It utilizes the security of wired connections with optional power over Ethernet. Designed for fixed applications where a rugged design is required.

The Mimo Adapt-IQ tablet is designed to enhance your business solutions for retail POS/POP, commercial, industrial, and customer-facing display in retail POS/POP environments.

It is professionally designed for commercial use where running on battery power is not an option. It has added features such as robust case, tempered glass, VESA mounting, SD card protection system, stereo audio output, and power over Ethernet. The Adapt-IQ is designed for commercial and retail environment. The Adapt-IQ is designed for commercial and retail environment. The Adapt-IQ is designed for commercial and retail environment.

It is designed to enhance your business solutions for retail POS/POP, commercial, industrial, and customer-facing display in retail POS/POP environments. Perfect for end-cap displays, kiosks, or as a part of a larger display system.

## Build for long term use and support

The Adapt-IQ 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-IQ and are not subject to obsolescence. While internal components may change for the better, this can be done without modification by the end user.

## Quad Core ARM A9

The tablet uses a quad core Cortex A9 chipset with a 1.6GHz 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 4.4 KitKat OS, license free

The quad-core Adapt-IQ with Android 4.4 OS or 5.1 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-IQ by Mimo can be installed with applications downloaded from Android Market for different customized demands.





## High-quality tempered glass multi-touch panel

The Adapt-IQ by Mimo features a 5 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-IQ is designed with VESA mounting (75mm x 50mm) 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-IQ configured with Power over Ethernet (POE) to power the tablet over the network connection.

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

The Adapt-IQ by Mimo plays full HD 1080P videos smoothly, and is compatible with 480P and 720P 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-IQ 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-IQ 7" is designed with high-quality metal case with modern design, thus greatly improving scratch resistance.

# Technical Specifications

Display	TFT LCD	7" inch configuration
	Number of Pixel	1024 x 600
	Aspect Ratio	16:9 wide
	Touch Panel	5 point touch projected capacitive
	Back-light	LED Side-light type
	Brightness	250 cd/m2
	Contrast Ratio	700:1
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 1
Speakers	High quality speaker	1W x2
	Amplifier	1W x2
Power	Power requirement	DC 12V±5% input – barrel connector
	Power consumption	1KHz audio playback: ~7.5W max. - Off: 0W
	AC/DC Adapter	AC 100-240Vac, 2A max. 50-60Hz, 12V/2.0A 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	10/100Mbps LAN
Wireless	Wi-Fi	802.11 b/g/n
	Bluetooth	BT4.0
Camera	Front	Front: 5M pixels (optional)
Function Keys	Keys button	+, -, Up, Down, Menu/Enter
Barcode Scanner	Barcode Scanner	2D Barcode scanner (optional)
Hardware Systems	CPU	Cortex-A9, Quad Core, up to 1.6 GHz
	DRAM Memory	2GB DDR3 SDRAM
	Storage Memory	8GB eMMC Flash
	External Memory	SD Card (SDHC Class10 compatible)
	Software / OS	Android 4.4 KitKat
	Flash	Adobe 10.2 supported
General Information	Case design	Body and cover are black ABS & PC
	Dimensions without add-ons: MCT-7QDS	Width: 188mm x Height: 120mm x Depth: 23mm
	Dimensions without add-ons: MCT-7QDS-POE	Width: 188mm x Height: 120mm x Depth: 25mm
	Weight without add-ons	450g
	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	30,000 hours demonstrated
	Warranty	3 years
	Certifications	FCC, CE, & RoHS

## PoE Model Pictures



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