EZCast Pro Dongle II

Model: D10

Specification

V1.01

General Description:

EZCast Pro Dongle II is the most powerful WiFi display dongle product fitting in a small form factor. With broad OS platforms support, it can empower your mobile device and cast small displays to a bigger one.

It builds in 802.11ac dual antenna (2T2R) so that you can have best WiFi performance and anti-interfering capability. With the powerful EZCast Pro app, you now can do split screens display while you're in a meeting, and you can also use the new AirView and EZNote feature to share content or make notes. We also release a powerful screen broadcast app "ProCast", so that you can cast your content to multiple EZCast Pro Dongle 2 simultaneously, it will definitely be the best solution for small offices and classrooms.

System Requirements

HW environment:

●TV, Monitor or Projector with HDMI 1.4a input.

● DC 5V/1.5A, with type-c USB connector

SW environment for app:

● iOS: 10 and above

● Android: Android 5.0 and above

● MacOS: macOS 10.11 and after

● Windows: Windows 7 and above

● ChromeOS

Hardware Specification

CPU	AM8270
DRAM	DDR3 1GMB
Flash	NAND Flash 512MB
Output Resolution	• 4096x2160@24hz • 3840x2160@30hz • 3840x2160@25hz • 3840x2160@24hz • 1920x1080@60Hz • 1280x720@60hz • 1280x720@50hz • 1920x1080@50Hz • 1920x1080@24Hz
I/O	• HDMI out (HDMI1.4) • USB type-C connector for DC 5V
WiFi	• 802.11ac 2T2R, max. bandwidth 866Mbps (@5Ghz)

WiFi Frequency	5Ghz: 5.150Ghz~5.825Ghz (may vary in different countries)
Power	DC 5V, 1.5A
Video Support	Capable of decoding1080@60 video with most formats ● H.265 MP@L5.0 High Tier ● Supports HD MPEG4 SP/ASP (720p/1080i/1080p) ● H.264 BP@L3, MP and HP@L4.2 ● H.264 MVC SHP@L4.1 ● VC-1 SP, MP, AP@L3 ● AVS JZ@L6.2, AVS+ 1080@60P ● VP8 1080@60P ● Video up-scaling from SD to Ultra HD (720p/1080i/1080p/2160p)
DRM and Link Protection	HDCP2.2 for Miracast
LED Indication	Power, WiFi status

Key	Reset button
Power Consumption	● Standby: 2W approx. ● Casting: 5W approx.
Working Temp.	0~40°C
Storage Temp.	-20~70°C

Operation mode

● Screen Cast:

  ■ EZCast Pro App to support screen cast, note taking, split screen to one receiver.

  ■ 3-in-1 mode under main page: Airplay/DLNA/Miracast

● Screen Broadcast:

  ■ 1 pc to 8 receivers (depends on WiFi bandwidth) screen broadcast under local network.

● WiFi: Direct Link(SoftAP) / Infrastructure(Client) / WiFi Direct(Miracast concurrently)

Mechanical Design&Dimension

- L 87.5mm x W 32mm x H 12mm (L99mm if includes HDMI connector)

Weight

- Body: 100g approx. (not including accessory)

- Complete package: 250g approx..

Accessories

- Short HDMI extension cable x1

- Type-C USB cable x1

- QSG x1

SW Features:

Operation Mode	Link and Offline operation
Control Mode	Admin, Host and Guest
Screen Mirror	- EZCast Pro App for Win/Mac: Mirror/Extension mode - Airplay: Mirror, Extension(macOS only) - Miracast for Windows and Android: Mirror, Extension(windows only)
Multimedia Cast	Photo/Video cast
Office Viewer	MS-Office and PDF
Editing Tool	Sketch tool
Web Browser	Embedded browser
Cloud Video	EZChannel for video enterance

Content Broadcast	Airview to broadcast current display
Camera	Live camera to support fron and rear camera
Split Screen	1, 2, or 4 displays
Advanced	-Administrator login -WPA enterprise CA -Conference control for users and display positions -Link status check -AirView on/off switch -AirSetup -Reset to default
EZNote	Note taking and editor
EZKeep	EZNote to be stored on Cloud

EZBoard	Cross platform interactive board
EZChannel	Cloud video portal
Privacy	Preferred device setting, Do not disturb mode and auto-allow settings
Others	Comments and Store
ProCast (Multiple device broadcast)	Single PC to multiple devices screen mirror (Windows and macOS only)

EZCast Pro Dongle 2

ProCast

11ac 5Ghz Wifi router