



cDynamo

Frequently Asked Questions

Q: What iPads work with cDynamo?

A: iPad Air 2, iPad Air, iPad mini 3, iPad mini 2, iPad mini 21087005 – iPad Air
21087006 – iPad mini 3, iPad mini 2, iPad mini
21087007 – iPad Air 2

Q: What operating systems will support cDynamo?

A: iOS 6 or newer

Q: What interface options does cDynamo support?

A: Physical connectivity with Lightning port. The Micro-USB port on the back is for charging the iOS tablet ONLY.

Q: Does cDynamo communicate to the iOS tablet via USB?

A: No, cDynamo interfaces to the iOS tablet via Lightning only. The Micro-USB port on the back is for charging the iOS tablet ONLY.

Q: How does cDynamo get its power?

A: cDynamo draws 100% of its power from the iOS tablet.

Q: Is there a power switch?

A: No

Q: Does cDynamo require batteries?

A: No

Q: Does cDynamo attach to a standard VESA mounting system?

A: Yes. VESA Mount = MIS-D 4" x 4" (100mm x 100mm). Qty 4 - M4 screw threads

Q: What Device Protocol Name does MagTek recommend?

A: com.magtek.idynamo

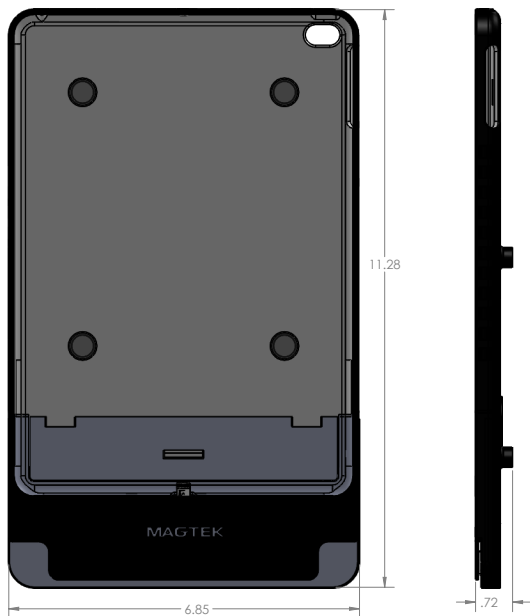
Q: What are the MagTek Product Plan IDs for iDynamo and cDynamo?

A: When the client's application is submitted to Apple, the customer must reference the MagTek Product Plan (PPID):

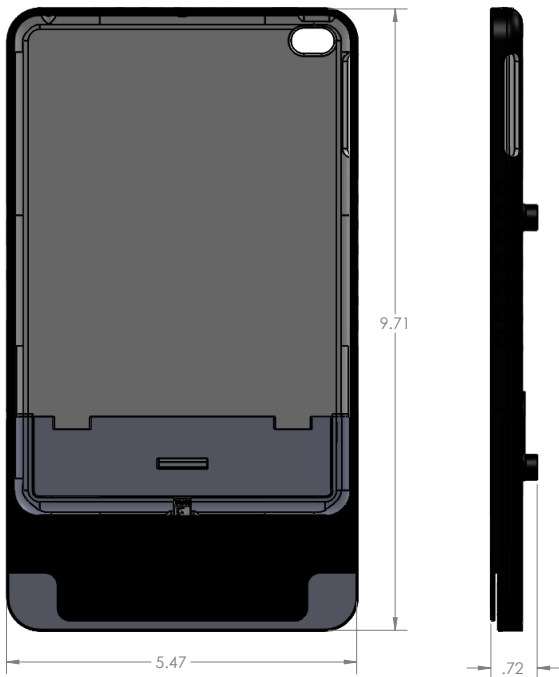
- **103164-0003 for iDynamo 4** (which connects to supported iPhone, iPod touch and iPad models (30-pin).
- **103164-0005 for iDynamo 5** (which connects to supported iPhone, iPod touch and iPad models (Lightning).
- **103164-0007 for cDynamo-1** (which connects to iPad Air).
- **103164-0009 for cDynamo-2** (which connects to iPad mini 3, iPad mini 2, iPad mini).
- **103164-0010 for cDynamo-3** (which connects to iPad Air 2).

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Specifications



iPad Air, iPad2
 W 6.85 x L 11.28 x D 0.72 (inch)
 WT: 1.5lb with iPad Air/2



iPad mini 3, iPad mini 2, iPad mini
 W 5.47 x L 9.71 x D 0.72 (inch)
 WT: 1.5lb with iPad mini

Secure Card Reader Authenticator (SCRA)	
Three (3) tracks, bi-directional read ISO 7810/7811, ANSI/ISO/AAMVA and custom formats Card Speed: 6 to 60 ips (15 to 152 cm/s) Protects card data per PCI DSS requirements MagnePrint® card authentication Generates dynamic payment card data with each swipe Device/host authentication Unique, non-changeable serial number Time bound session IDs Triple DES open standards-based encryption DUKPT key management Immediate card data tokenization and masked data	
MESSAGE FORMAT	ASCII
INTERFACE CONNECTOR	Lightning connection only
OPERATING SYSTEM	iOS 6 or newer
CONTROLS	cDynamo has no user controls. Control, status and data functions are provided by the host interface. The system requires software on the host device to direct the operation of the card reader through the application programming interface (API).
VOLTAGE/ POWER/ CHARGING	Current: 50mA max. 100% of its power is from the iOS tablet. There is no power switch and no batteries are required. Micro-USB port is for charging the tablet only and cannot be used as an interface.
MFi	approved device
MOUNTING	VESA Mount = MIS-D 4" x 4" (100mm x 100mm) Qty 4 - M4 screw threads
MECHANICAL	
iPad mini 3 iPad mini 2 iPad mini	W 5.47 x L 9.71 x D 0.72 (inch) WT: 1.5lb with iPad mini
iPad Air 2 iPad Air	W 6.85 x L 11.28 x D 0.72 (inch) WT: 1.5lb with iPad Air/2
ENVIRONMENTAL	
TEMPERATURE	
Operating:	0 °C to 35 °C (32 °F to 95 °F)
Storage:	-20 °C to 45 °C (-4 °F to 113 °F)
HUMIDITY	
Operating:	5% to 90% noncondensing
Storage:	5% to 90% noncondensing
ALTITUDE	
Operating:	3000m (10,000 ft)