



Dynasty Product Brief



Version V1.0xxxxx

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Revision History

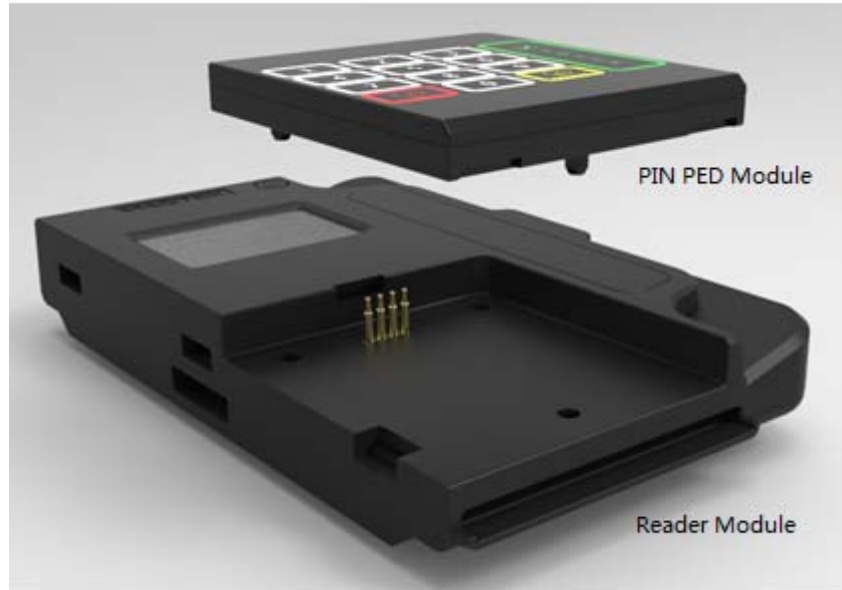
Date	Version	Description	Author
Nov. 3rd, 2015	V1.0	Initial release	Feng Lin

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1. Product Brief

The Imatric Dynasty Reader Creatively provides the latest commercial mobile payment solution, integrated with the most excellent MSR ICC and CTLS functions in payment industry.



Product Description

Standard Features

Plastic Colour	Black
CPU	Embedded SOC 32bits RISC processor
Memory	64KB SRAM+1MB, 384KB + 4MB Flash
Display	128x64 monochrome
Magnetic card reader	Capability of reading ISO7816 1/2/3 track bi-directional swipe ISO 7816 T=0 & T=1 100,000 Insertions
IC card reader-writer	EMV Level 1&2, ISO/IEC 14443 TypeA/ TypeB
CTLS card reader	EMV Level 1
Communication	Bluetooth 2.1 + EDR & Bluetooth BLE Support for iOS, Android

Physical interface	1 USB Type C interface for charging and communications 1 POGO Pin for IOS (UART/USB) and Android (UART)
Certifications	EMV Level 1 & Level 2 Certified
Power	5V, 200mA (5V, 1A For Battery Charge)
Battery	Fully-integrated Li-ion cell
Beeper	82db/10cm
Environmental	Working temperature: 0°C ~ +40°C Relative humidity: 50% ~ 90% (non-condensing)
Cables	USB-USB Type C cable for recharging the battery
API	Imatric MPOS API
Optional Features/Accessories	
TBD	

Related Certification (Certificating Ongoing)



FCC Compliance:

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including Interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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