

PHL-020

PHILOS O2O Retransfer Printer

The World's First Card Issuance over-the-air via Mobile App

Fused by the most stable Japanese technology, we are pleased to present PHILOS PHL-O2O, the most innovative retransfer printer from ASSURE that enables over-the-air (OTA) card printing via mobile app and Online-to-Offline (O2O) transactions. Choice of 300 dpi or 600 dpi retransfer printing capability is available.

Designing a Card's Graphics via Mobile App

PHLO-O2O is used together with Philos App available for FREE download at Google Play and Apple Store. Design of one's own picture card can simply be done through a few taps on the smart phone by your finger-tip.

Unrivaed Instant Issuance Tool for Retail & Commercial Use

PHL-O2O is the ideal option which meets any need for instant card issuance with 4C graphics and smart chip personalization, enhancing customer experience in card purchase.

Its small footprint and wireless connection make the printer a perfect complement at retail point-of-sales and any mobile location.

Convenient Picture Card Issuance

PHL-O2O produces crisp color printing quality and is second to none in issuing personalized gift card, membership card or pre-paid card covered by a full picture a user handpicks. On-the-spot printing or kiosk application is enabled.

PHL-O2O can also print on IDs and badges for membership, campus or access control applications.

Apart from printing, it is capable of personalizing smart chips embedded inside, be it for contact or contactless applications.

Disruptive Card Issuance Operation & More Cost-Effective

Traditionally, card issuance is a costly and complicated process which requires a professional team installing a specific software in PCs or users logging onto a cloud to design their card before a card can be printed and mailed to customers.

PHL-O2O offers customers a disruptive alternative, experiencing the fastest journey to get their cards when they can design their own cards anytime and anywhere the way they want by using their own mobile devices. The printer itself is just a delivery tool.

PHL-020

PHILOS O20 Retransfer Printer

Created to offer the best and the shortest
Customer Purchase Experience

Printing via IP Set Up:

- PHL-O20 facilitates network printing by allowing traditional IP set-up.
- Users can enter the required IP address of the printer which can be shared in a network.

Innovative Shared Printer via 2D-Barcode

- PHL-O20 disrupts traditional practice and offers instant issuance or on-demand issuance through an innovative shared printer concept.
- For users who have designed their cards using their own mobile phones, they can apply BYOD concept and link their devices to PHL-O20 on spot by scanning the 2D-Barcode on the printer. Card printing will then be done right away.

Printing Capability

- Solid color and no color distortion; what you print is what you see on screen
- Over-the-edge printing without any white margin
- Retransfer film avoids damage of color
- Robust and versatile smart card application
- Suitable for high quality picture cards such as ID, loyalty / gift cards, campus cards, etc.

Personalization

- 300 dpi or 600 dpi dye sublimation retransfer technology
- 300 dpi retransfer resolution comparable to home use ink-jet printing in 1,200 dpi.
- 200-card input hopper
- Print speed of 120 cards per hour (single-sided)
- Can print on any types of chip card or blank white card, e.g. PC, PET, PVH, PVC, ABS, etc.
- Can print on CR80 card
- Accommodate various card thickness from 1.25 – 1.02 mm
- Dynamic encoding capabilities, e.g. RFID, contact, NFC and / or magnetic stripe
- 2-year warranty
- Life-time warranty on print head



Communication
USB and Ethernet

Network
WiFi & SAM (Optional)
VGA & USB Output Available

Encoding
Contact and
RFID Type A / B / C / NFC

Power
220 V / 50 Hz or 110 V / 60 Hz
Single phase

Dimensions & Weight
343(W) x 330 (D) x 360 (H) mm
Net weight 15.5 Kg
(without option of encoder)

Working environment
Temperature:
15 – 30°C
Non-condensing Humidity:
35% - 70%

Card Requirements
ISO7810 CR80 Cards
Thickness from 0.6mm to 0.83 mm



Headquarter:

ASSURE Co., Ltd.
G/F., East Leaves,
2-17-6 Higashi, Shibuya, Tokyo,
Japan
E: info@assure-global.com

International Sales Office:

ASSURE Global
2F-2, No. 10 Lane 16, Sec 6,
Minquan E. Rd, Neihui Dist, Taiwan
T: +886 2 8792 3523
E: sony@assure-global.com