

Printer option Wi-Fi module



Card issuance becomes mobile

Introducing Wi-Fi connectivity for desktop card printers enables Evolis printers' users to enhance their decentralized application to be even closer to the card holders.

Wi-Fi technology opens doors to many practical applications:

- Easy configuration setup for visitors/attendees badges (trade-show, congress, VIP session, etc...)
- On-the-move mobile solution for those in need to issue badges on-the-spot (membership, schools, etc...)

Using a wireless connection

The Wi-Fi module may be configured for a Wi-Fi connection in infrastructure mode through an Access Point (AP) or as part of a local Wi-Fi cluster using Ad-Hoc mode.

On wireless computer networks, Ad-Hoc mode is a method for wireless devices to directly communicate with each other (point-to-point): here a computer and a printer.

The Wi-Fi module is factory mounted.

Target Applications

- Mobile environments
 - Events
 - On-site ID badge delivery
 - Membership cards

Supported Printers

- Primacy Wireless

Supported OS & SDK

- Windows XP, Vista and Win7
- Mac & Linux
- Free SDK upon request

Wi-Fi module

SPECIFICATIONS

INSTALLATION

Configuration through USB or Ethernet port

SUPPORTED STANDARD

802.11b/g

SECURITY KEYS

WEP (Wired Equivalent Privacy):

- WEP with 64 bit key
- WEP with 128 bit key

These keys may contain 10 or 26 hexadecimal characters (x00 to xFF).

WPA (Wi-Fi Protected Access):

- WPA with TKIP encryption in PSK mode. The passphrase used is an ASCII string consisting of 8 to 63 characters.
- WPA-TKIP Enterprise PEAP-MSCHAPv2 with RADIUS server. The user-name and the password may contain up to 64 characters.

WPA2

- WPA2 with AES encryption in PSK mode. The passphrase used is an ASCII string consisting of 8 to 63 characters.
- WPA2-AES Enterprise PEAP-MSCHAPv2 with RADIUS server. The user-name and the password may contain up to 64 characters.

CHANNELS

- Europe: 13 channels
- USA: 11 channels
- Japan: 14 channels

FREQUENCIES

- Europe: 2.412 to 2.472 Ghz
- USA: 2.412 to 2.462 Ghz
- Japan: 2.412 to 2.484 Ghz

ENCODING OVER Wi-Fi

MAGNETIC ENCODING OPTIONS

MAG ISO 3-Track
MAG JIS2

SMART CONTACT/CONTACTLESS OPTIONS

Not compatible with Wi-Fi connection.

ORDER PROCESSING

OPTION MOUNTING

The Wi-Fi option is factory mounted.