

IPM-AE7-0020A

Wiegand Interface Module



- Converts RS-485 signal to Wiegand
- Integrates the camera with access control system
- Supports 26-bit Wiegand format

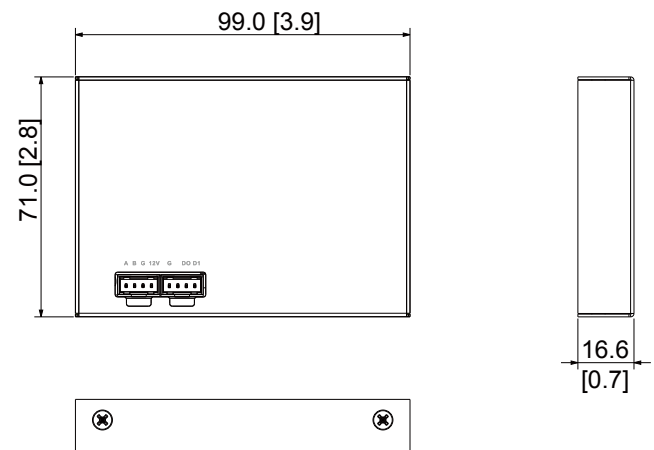
System Overview

The Wiegand interface module receives the license plate information through RS-485, and converts the signal into the required Wiegand format. It helps integrate the camera with access control system.

Technical Specification

Dimensions (L×W×H)	99.0 mm×71.0 mm×16.6 mm (3.9"×2.8"×0.7")
Material	Electro-galvanized sheet
Power Supply	12V DC
Power Consumption	0.2 W
Weight	160 g (0.35 lb)

Dimensions (mm[inch])



Interface Wiegand IPM-AE7-0020A pour caméra ANPR

Information

Le module Wiegand d'interfaçage récupère la plaque d'immatriculation depuis la liaison RS-485, et converti le signal en format **Wiegand 26 bits** afin de pouvoir intégrer dans un controle d'accès standard.

Apparence produit



Port Description

A, B: Port RS-485 du module, il faut les connecter respectivement sur les pins RS-485_A et RS-485_B de la caméra.

G, 12V: Alimentation du module (12 volts continu, G = négatif et 12V = positif).

G, D0, D1: Sortie Wiegand (GND = masse, D0 et D1 = données).

Configuration coté caméra :

The screenshot shows a software interface for configuring RS485/IO settings. On the left is a dark sidebar menu with the following items: ITC, Detection (highlighted in orange), Intelligent, OSD Config, Snap Cutout, Extra Device, BW List, Intelligence Default, Camera, Network, Event, Storage, System, and Information. The main panel has three tabs: Snapshot, RS485/IO (selected), and Comm-Push. Under the RS485/IO tab, there are two checkboxes: 'Start RS485 Port' (checked and highlighted with a red box) and 'Start Coil IO' (unchecked). To the right of these is a dropdown menu set to 'RS485'. Below this is a section titled 'Serial Port Config' containing several settings, each in a dropdown menu: 'Protocol' is set to 'Wiegand' (highlighted with a red box), 'Data Bit' is '8', 'Stop Bit' is '1', 'Baud Rate' is '9600' (highlighted with a red box), and 'Parity' is 'None'. At the bottom right of the main panel are two buttons: 'Refresh' and 'Confirm'.

Conversion :

Les 24 derniers de poids de l'algorithme de hashage SHA1 sont utilisés pour la conversion.