

PARADOX

# IP180

## Internet Module



### Description

The IP180 Internet Communication Module is used to report and connect remotely to Paradox systems via the internet. Reporting to the central station's CMS is possible via Paradox IPC10 Receiver/converter. The IP180 connects to the system remotely with the BlueEye application, PC software, and provides remote upgrade of the system. It can connect with an Ethernet cable or over Wi-Fi or both with fail over. The IP180 can also be upgraded remotely. The IP180 can also send system events via email.

The IP180 uses MQTT technology with 128-bit encryption.

### Easy Clip-on Installation

The IP180 is designed with a space saving clip-on, perfect for rapid, no-screw installation and includes LED status indications. The Wi-Fi antenna can be easily connected and installed on the metal enclosure.



IP180 Installed in a Metal Box



IP180 with Antenna Extension

### Features

- ▶ Reports to the central station (CMS) via IPC10
- ▶ Provides connectivity to BlueEye, BabyWare, NEware or InField to access your system through the Internet
- ▶ Ethernet and/or Wi-Fi connection or both with fail-over
- ▶ DHCP connectivity with no configuration
- ▶ Remote firmware upgrades
- ▶ Reports events via email using AES (128-bit) encryption
- ▶ Easy and minimal configuration
- ▶ Easy installation
- ▶ The IP180 supports all Paradox + panels and should operate with most Paradox panels produced after 2012.

### Technical Specifications

<b>Ethernet</b>	100 Mbps/10 Mbps
<b>Wi-Fi</b>	2.4 GHz, B,G,N
<b>Panel Compatibility</b>	Paradox control panels produced after 2012
<b>Upgrade</b>	Remotely via InField or BlueEye app
<b>IP Receiver</b>	IPC10 up to 3 supervised receivers simultaneously
<b>Encryption</b>	AES 128-bit
<b>IPC10 to CMS Output Format</b>	MLR2-DG or Ademco 685
<b>Current Consumption</b>	100 mA
<b>Operating Temperature</b>	-20 to 50 °C (-4 to 122 °F)
<b>Input Voltage</b>	10V to 16.5 Vdc, supplied by the panel serial port
<b>Enclosure Dimensions</b>	10.9 x 2.7 x 2.2 cm (4.3 x 1.1 x 0.9 in.)
<b>Approvals</b>	CE, EN 50136 ATS 5 Class II