Release Letter

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| Products: | ***Firmware for*** ***IP IR Illuminators*** |
| Version: | ***Version 2.56*** |

This letter contains information about the above-mentioned firmware version.

# General

This firmware release fixes some bugs and new features have been adder as noted below.

# Applicable products:

* IP IR Illuminator 5000 MRP

# Important notes:

## DHCP is disabled.

* DHCP has been disabled by default so that IP address and related settings must be configured manually.
* The default IP address is 192.168.0.10.

## Unit configuration

The unit is not supported by CM and all configuration must be done using the Web GUI. The default IP address must be used for the initial access of the unit.

**Supported Web Browsers:**

* Microsoft Edge
* Google Chrome

# New Features

* Support of ethernet port settings is now possible using API commands. The possible commands are:
  + SET ETHERNET: AUTO
    - http://<ip address>/gjd\_set\_mac\_address? temperature\_unit=C&special\_options\_enabled=yes&special\_options\_mask=4096
  + SET ETHERNET: 100M FULL
    - http://<ip address>/gjd\_set\_mac\_address? temperature\_unit=C&special\_options\_enabled=yes&special\_options\_mask=1280
  + SET ETHERNET: 100M HALF
    - http://<ip address>/gjd\_set\_mac\_address? temperature\_unit=C&special\_options\_enabled=yes&special\_options\_mask=2304
  + SET ETHERNET: 10M FULL
    - http://<ip address>/gjd\_set\_mac\_address? temperature\_unit=C&special\_options\_enabled=yes&special\_options\_mask=1536
  + SET ETHERNET: 10M HALF
    - http://<ip address>/gjd\_set\_mac\_address? temperature\_unit=C&special\_options\_enabled=yes&special\_options\_mask=2560

# Restrictions; Known Issues

#### Firmware Downgrade

* The FW \*doesn’t\* support downgrading from Bosch v2.5x to Bosch v2.0.
  + Do not try to revert any upgraded units to older firmware.
    - If this is attempted the MAC address will be corrupted.

#### Bosch Configuration Manager

* The unit will be detected as an “unknown device” and it is not possible to change any settings or open the Web GUI.
* The connection to the unit will be lost if an attempt is made to access the unit via CM and a reboot will be required to access it again.

#### Web GUI Configuration

* Use HTTP for a stable connection.
* HTTPS does work with this version with the following limitations.
  + It can take as long as 4 seconds for the initial connection to the unit.
  + After the initial connection there can still sometimes be delays of 1 to 2 seconds as new configuration menus are opened.
  + After these initial connections, browser caching can reduce the times.
* Not all URL Event/Actions for third parties are supported.