(**OPTIONAL**)
STROBE LIGHT

HALOGUARD® IR CONTROLLER
Upper Circuit Board

S G

+V S G

See Chart for
Connection

VDC COM mA
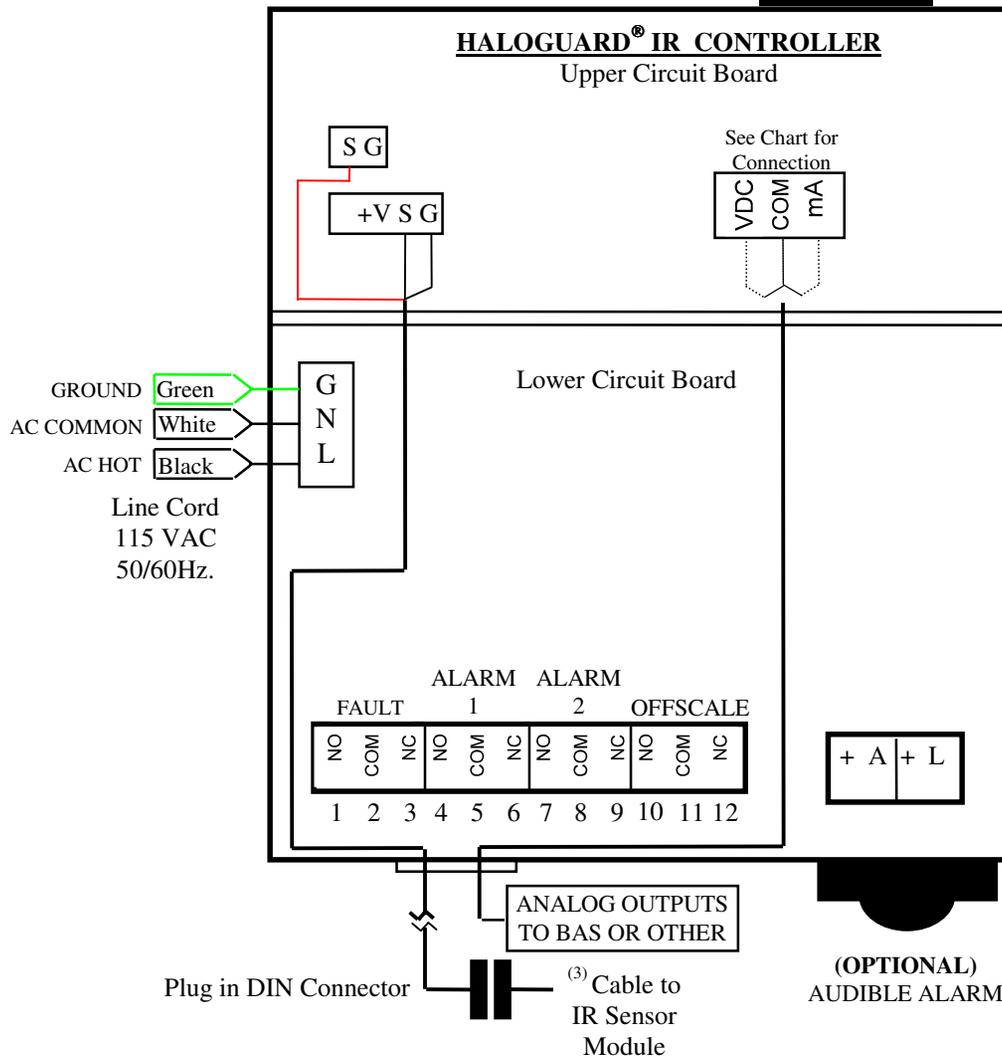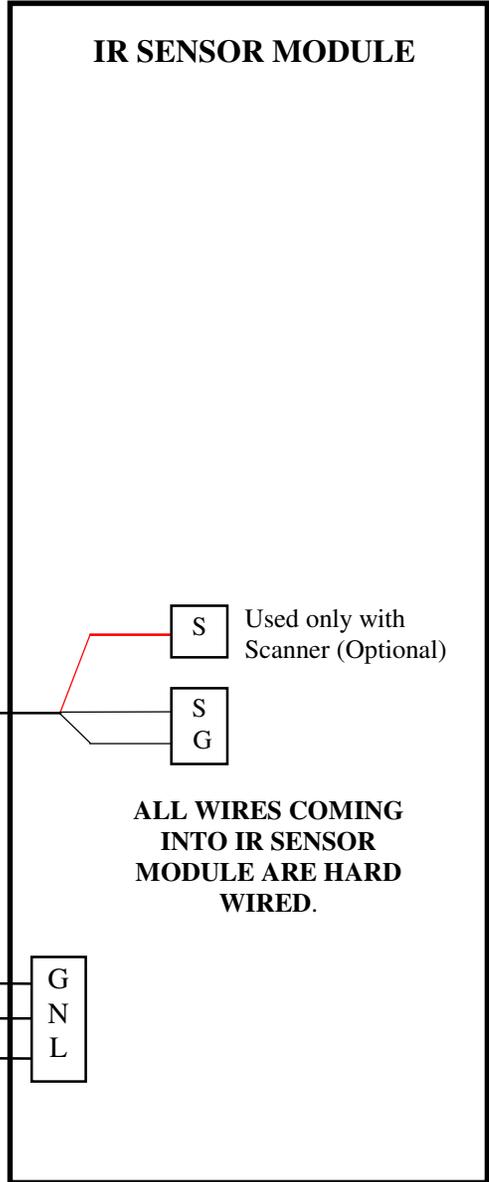
WARNING
Analog output lines must not be connected to any kind of voltage or current source, serious damage will result.

IR SENSOR MODULE

Lower Circuit Board

GROUND Green
AC COMMON White
AC HOT Black

G N L

Line Cord
115 VAC
50/60Hz.

S — Used only with Scanner (Optional)

Cable from Controller

S G

ALL WIRES COMING INTO IR SENSOR MODULE ARE HARD WIRED.

ALARM ALARM
FAULT   1   2   OFFSCALE

| NO | COM | NC | NO | COM | NC | NO | COM | NC | NO | COM | NC |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

+ A + L

ANALOG OUTPUTS
TO BAS OR OTHER

Plug in DIN Connector

(3) Cable to
IR Sensor
Module

(**OPTIONAL**)
AUDIBLE ALARM

GROUND Green
AC COMM White
AC HOT Black

G N L

Line Cord
115 VAC
50/60Hz.

Notes:
1. Power Cord - Provided w/ wall plug connector and 8 Ft. 3 conductor wire.
2. Audible and Visual Alarm (Optional) factory wired. Remote Audible and Visual Alarms
    must be 120VAC and connected to terminal Strip on Lower Circuit Board.
3. Sensor Cable between Haloguard® IR Controller and IR Sensor Module - Maximum Length 1000FT. Use,
    3 conductor 18 or 20ga. w/ foil shield.
4. Analog Outputs (Optional) are either 0 - 5 to 10VDC, and 4 - 20mA.
5. If Optional scanner is installed, Red wire is connected to scanner terminal on upper circuit board.

Cable Color Code
White - S   Signal
Black - G   Ground
Red - Scan   Scanner(Only)

Figure 11 - Wiring Diagram

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