INSPEXTOR

MHTI-RJF

MHT Technology has committed to providing confidence and repeatable steps during the installation of our Inspextor Solution. The **MHTi-RJF Series** cabling passes a rigorus testing process to provide installers confidence when utilizing our factory certified cabling.

FEATURES
- Plug and Play Installation
- Thumb Screw Secured Termination that meets industrial installation standards

GENERAL INFORMATION

Warranty	5 Year Limited Warranty
Construction	PVC/ PVC Overmould
Certifications	

RJ45 SPECIFICATIONS

Termination Type	RJ45 Female Unshielded
Termination Standard	TIA/EIA 568-B
Termination Standard	TIA/EIA 568-B
Cable Specifcation	26 AWG / CAT 6
Temperature Rating	60° C Rated

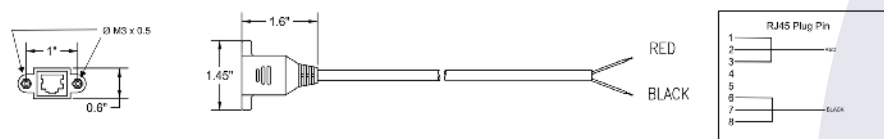### FIELD TERMINATION SPECIFICATIONS

Termination Type	Bare Conductor
Cable Specifcation	MHTi-RJF-2WIRE: 20/2 AWG MHTi-RJF-3WIRE: 20/3 AWG
Temperature Rating	60° C Rated

MHTI-RJF-2WIRE Field Termination

MHTI-RJF-3WIRE Field Termination

PRODUCT DIMENSIONS

MHTI-RJF-3WIRE

MHTI-RJF-2WIRE

MHT Technologies

Innovation Lab:
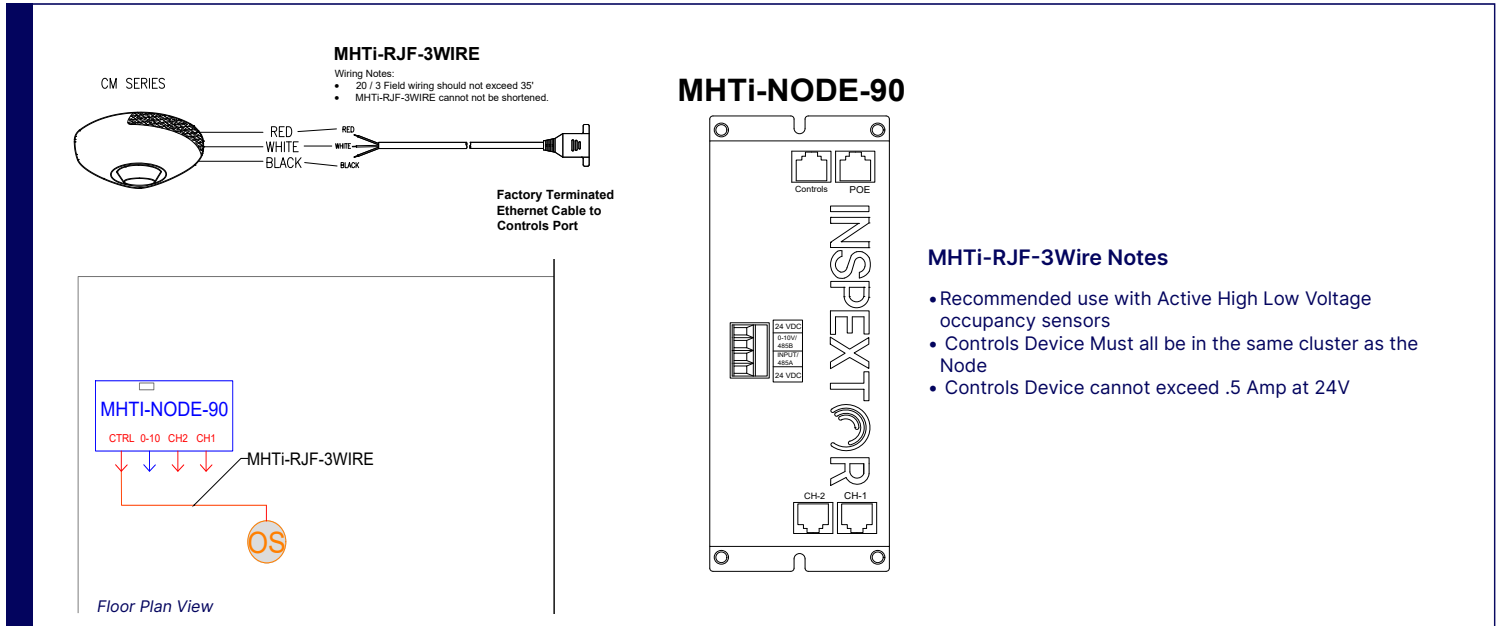241 W. 37th St., Suite 1202, New York City, NY 10018

HQ & Warehouse:
1961 Richmond Ter, Staten Island, NY 10302
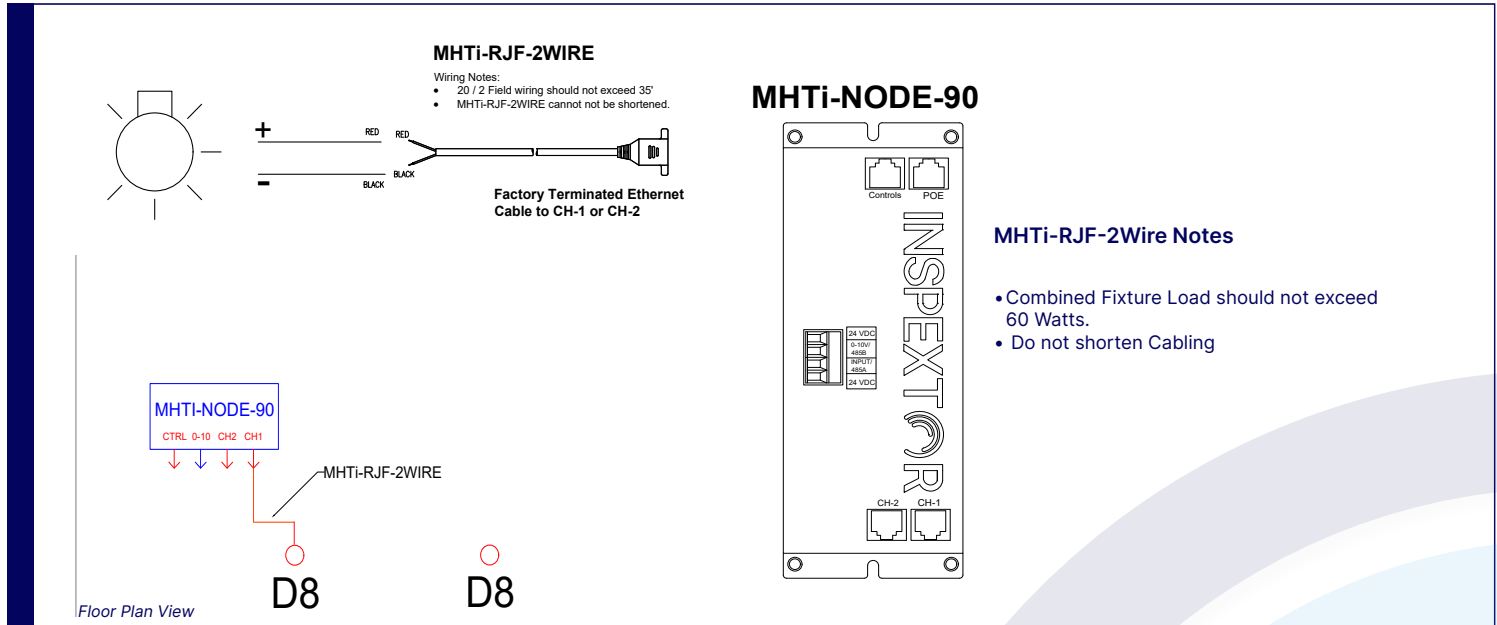
Tel: 718 524 4370

www.mht-technologies.com

MHT Technologies, reserves the right to make any design changes for continuous improvement which will not affect the overall appearance or performance.

USE CASE: MHTI-NODE-90 to Controls Device

MHTi-RJF-3WIRE

CM SERIES

Wiring Notes:
- 20 / 3 Field wiring should not exceed 35'
- MHTi-RJF-3WIRE cannot not be shortened.

RED — RED
WHITE — WHITE
BLACK — BLACK

Factory Terminated Ethernet Cable to Controls Port

MHTi-NODE-90

Controls   POE

INSPEXTOR

24 VDC
0-10V/
485B
INPUT/
485A
24 VDC

CH-2   CH-1

MHTi-RJF-3Wire Notes

- Recommended use with Active High Low Voltage occupancy sensors
- Controls Device Must all be in the same cluster as the Node
- Controls Device cannot exceed .5 Amp at 24V

MHTI-NODE-90

CTRL 0-10 CH2 CH1

MHTi-RJF-3WIRE

OS

Floor Plan View

USE CASE: MHTI-NODE-90 to Luminare

MHTi-RJF-2WIRE

Wiring Notes:
- 20 / 2 Field wiring should not exceed 35'
- MHTi-RJF-2WIRE cannot not be shortened.

+ RED — RED
   BLACK
− BLACK

Factory Terminated Ethernet Cable to CH-1 or CH-2

MHTi-NODE-90

Controls   POE

INSPEXTOR

24 VDC
0-10V/
485B
INPUT/
485A
24 VDC

CH-2   CH-1

MHTi-RJF-2Wire Notes

- Combined Fixture Load should not exceed 60 Watts.
- Do not shorten Cabling

MHTI-NODE-90

CTRL 0-10 CH2 CH1

MHTi-RJF-2WIRE

D8   D8

Floor Plan View

DEVICE ENVIRONMENTAL REQUIREMENTS

Operating Temperature	-20°C to 50°C
Operating Humidity	10% to 80% RH non-condensing
Storage Temperature	-20°C to 85°C
Storage Humidity	5% to 95% RH non-condensing

ORDERING INFO: Sample Code - MHTi-RJF-2WIRE

Series	Type	Description
MHTi-RJF	2WIRE	2 Conductor
	3WIRE	3 Conductor

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INSPEXTOR

MHTI-RJM

MHT Technology has committed to providing confidence and repeatable steps during the installation of our Inspextor Solution. The **MHTi-RJM Series** cabling passes a rigorus testing process to provide installers confidence when utilizing our factory certified cabling.

FEATURES
- Plug and Play Installation
- Certified 90° Factory termination
- Low Profile Connector

GENERAL INFORMATION

Warranty	5 Year Limited Warranty
Construction	PVC/ PVC Overmould
Certifications	

RJ45 SPECIFICATIONS

Termination Type	RJ45 Unshielded
Termination Standard	TIA/EIA 568-B
Cable Specifcation	26 AWG / CAT 6
Temperature Rating	60° C Rated

FIELD TERMINATION SPECIFICATIONS

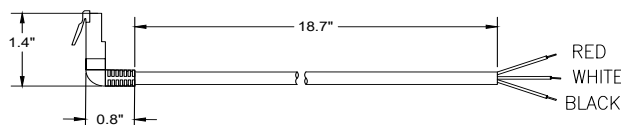|	
Termination Type	Bare Conductor
Cable Specifcation	MHTi-RJM-2WIRE: 20/2 AWG MHTi-RJM-3WIRE: 20/3 AWG
Temperature Rating	60° C Rated

MHTI-RJM-2WIRE Field Termination
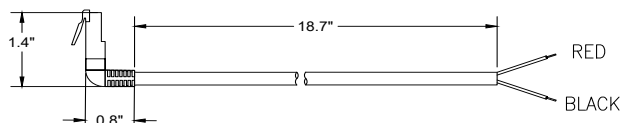
MHTI-RJM-3WIRE Field Termination

PRODUCT DIMENSIONS

MHTI-RJM-3WIRE

```
1.4"        18.7"                    RED
                                     WHITE
0.8"                                 BLACK
```

RJ45 Plug Pin
```
1
2 ——————————— RED
3
4
5
6
7 ——————————— WHITE
8 ——————————— BLACK
```

MHTI-RJM-2WIRE

```
1.4"        18.7"                    RED

0.8"                                 BLACK
```

RJ45 Plug Pin
```
1
2 ——————————— RED
3
4
5
6
7 ——————————— BLACK
8
```

MHT Technologies

Innovation Lab:
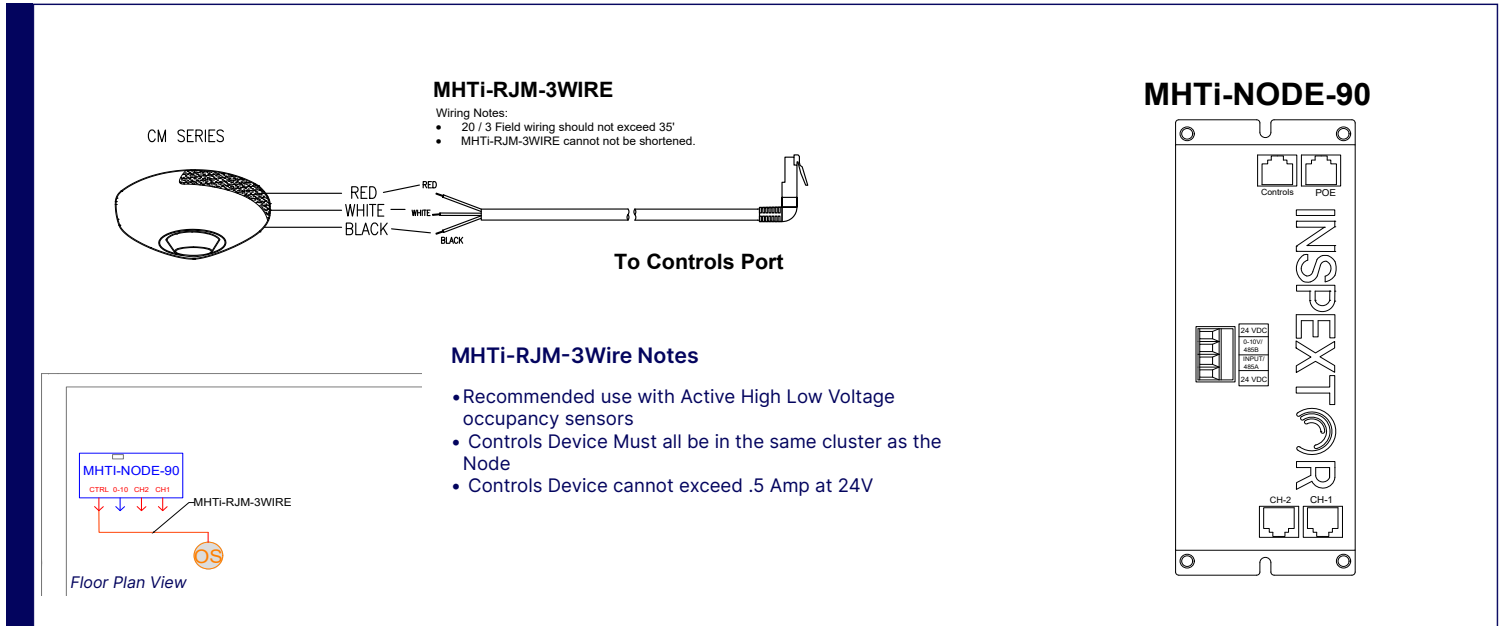241 W. 37th St., Suite 1202, New York City, NY 10018

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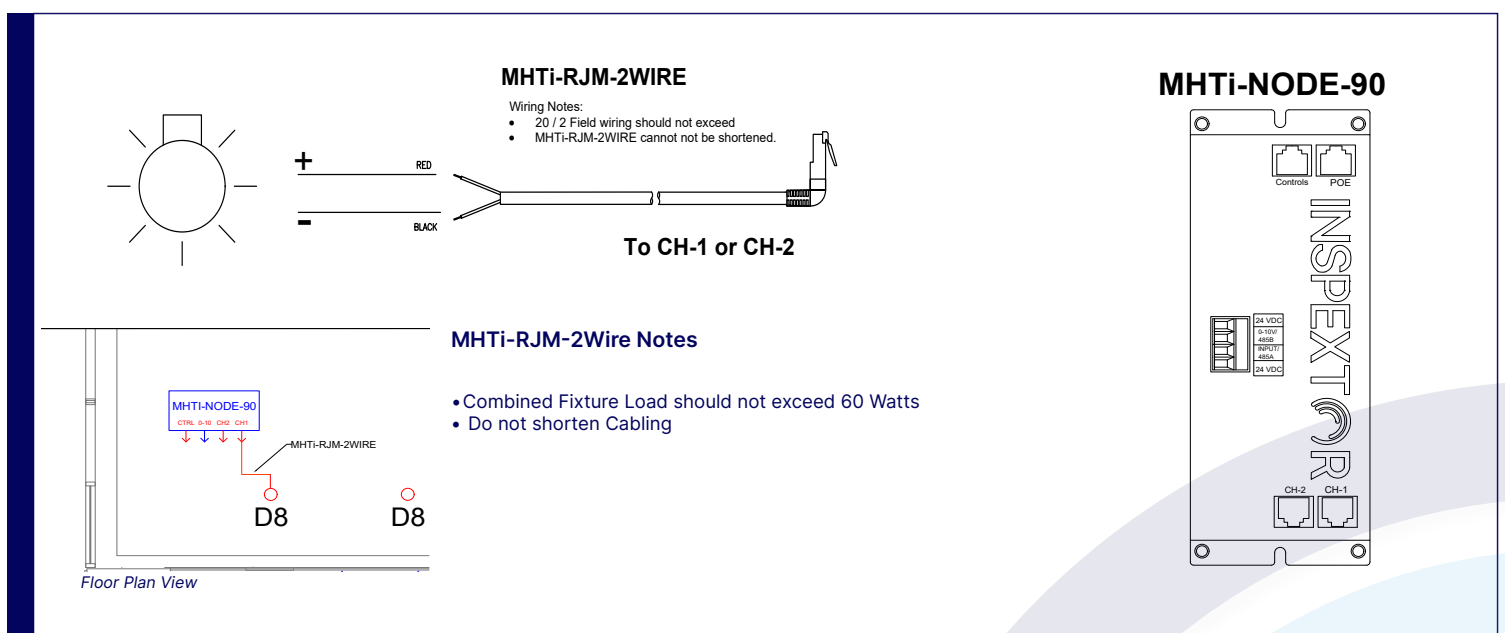
Tel: 718 524 4370

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USE CASE: MHTI-NODE-90 to Controls Device

MHTi-RJM-3WIRE

Wiring Notes:
- 20 / 3 Field wiring should not exceed 35'
- MHTi-RJM-3WIRE cannot not be shortened.

CM SERIES

RED — RED
WHITE — WHITE
BLACK — BLACK

To Controls Port

MHTi-RJM-3Wire Notes

- Recommended use with Active High Low Voltage occupancy sensors
- Controls Device Must all be in the same cluster as the Node
- Controls Device cannot exceed .5 Amp at 24V

MHTI-NODE-90
CTRL 0-10 CH2 CH1
MHTi-RJM-3WIRE
OS

Floor Plan View

MHTi-NODE-90

Controls   POE

24 VDC
0-10V
485B
INPUT
485A
24 VDC

CH-2   CH-1

USE CASE: MHTI-NODE-90 to Luminare

MHTi-RJM-2WIRE

Wiring Notes:
- 20 / 2 Field wiring should not exceed
- MHTi-RJM-2WIRE cannot not be shortened.

+ — RED
− — BLACK

To CH-1 or CH-2

MHTi-RJM-2Wire Notes

- Combined Fixture Load should not exceed 60 Watts
- Do not shorten Cabling

MHTI-NODE-90
CTRL 0-10 CH2 CH1
MHTi-RJM-2WIRE
D8   D8

Floor Plan View

MHTi-NODE-90

Controls   POE

24 VDC
0-10V
485B
INPUT
485A
24 VDC

CH-2   CH-1

ENVIRONMENTAL REQUIREMENTS

Operating Temperature	-20°C to 50°C
Operating Humidity	10% to 80% RH non-condensing
Storage Temperature	-20°C to 85°C
Storage Humidity	5% to 95% RH non-condensing

ORDERING INFO: Sample Code - MHTi-RJM-2WIRE

Series	Type	Description
MHTi-RJM	2WIRE	2 Conductor
	3WIRE	3 Conductor

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