

haasCONNECT Digital Sensor

Light, Motion, Temperature, Humidity



BEFORE YOU BEGIN

Read these instructions completely and carefully.



WARNING

RISK OF ELECTRIC SHOCK

- Turn power off before inspection, installation or removal



In case of miswiring the digital bus, mains can be present on the device. Make sure electricity is switched off before inspection.

RISK OF FIRE

- Follow all relevant IEC instructions and local building codes

IMPORTANT

To ensure the product warranty is valid, please ensure all installation instructions and environmental conditions for storage and operation are complied with.

Only Haas & Schmidt Lighting trained contractors are allowed to install the product.

BG Българската версия на инструкциите за инсталация и информация за безопасност могат да бъдат намерени на следния адрес:

HR Hrvatska verzija priručnika za ugradnju i sigurnosnih informacija nalazi se na sljedećoj lokaciji:

CS Návod k montáži a bezpečnostní informace v češtině najdete zde:

DA Den danske version af installationsvejledningen og sikkerhedsoplysninger kan findes på følgende placering:

NL De Nederlandse versie van de installatie-instructies en veiligheidsinformatie kan op de volgende locatie worden gevonden:

ET Eestikeelse paigaldusjuhendi ja ohutusnõuded leiate aadressilt:

EN The English version of the installation instruction and safety information can be found at the following location:

FI Asennusohjeiden ja turvallisuustietojen suomenkielinen versio löytyy seuraavasta paikasta:

FR La version française des instructions d'installation et informations de sécurité est disponible à l'adresse suivante :

DE Die deutsche Version der Installationsanleitung und Sicherheitsinformationen finden Sie in folgendem Verzeichnis:

EL Μπορείτε να βρείτε την ελληνική εκδοχή των οδηγιών εγκατάστασης και των πληροφοριών ασφάλειας στην εξής τοποθεσία:

HU A telepítési útmutató és a biztonságos információk magyar nyelvű változata az alábbi címen található:

IT La versione italiana del manuale di installazione e sicurezza può essere reperita nella seguente sezione:

LV Uzstādīšanas instrukciju un drošības informāciju latviešu valodā var atrast šeit:

LT Lietuvišką diegimo instrukcijos ir saugos informacijos versiją galima rasti šioje vietoje:

PL Polską wersję instrukcji instalacji oraz informacje dotyczące bezpieczeństwa można znaleźć w następującej lokalizacji:

PT A versão em Português das instruções de instalação e das informações de segurança pode ser encontrada na seguinte localização:

RO Versiunea în limba română a instrucțiunilor de instalare și a informațiilor de siguranță pot fi găsite la:

SK Slovenskú verziu montážnej príručky a bezpečnostných inštrukcií nájdete na nasledujúcej lokalite:

SL Slovenska različica navodil za namestitev in varnostnih navodil se nahaja na naslednji strani:

ES La versión española de las instrucciones de instalación y la información sobre seguridad puede encontrarse en la siguiente ubicación:

SV Ni hittar den svenska versionen av installationsanvisningarna och säkerhetsinformationen på följande plats:

Product overview

haasCONNECT Digital Sensor is a single-cable communication capable solution which works seamlessly with other haasCONNECT Digital system components. The device is powered through haasCONNECT Digital Controller's communication line, no auxiliary power supply needed. The sensor is utilizing passive infrared (PIR) sensing technology to detect movements, and accurately measures the ambient light. It also measures temperature and humidity values. The sensor as part of the haasCONNECT Digital system reports the real-time events and information to turn the lights on and keep on

when an area is occupied or turn off when the space is left vacant. The sensor's timer is user-configurable using the haasCONNECT PRO iOS application.

Technical data

Key functions

Dimensions	DxH: 70x40mm
Weight	28g
Power rating	Max 6mA @ 24V DC, EU Class II, (average 3mA 18V)
Rated Impulse Voltage	2500V
Sensor type	Passive infrared (PIR) sensor (for motion), light sensor, temperature and humidity compact sensor
Operating Environment	0°C to 45°C / IP 20 – Indoor, dry location. Suitable for Plenum use.
Status indicator	Network LED (orange): Network joined; Installation test
Connections	Cable connection to one of the Digital Controller Buses. Powered through the Controller Bus.
Motion sensor coverage	See pattern drawing for details
Mounting	Easy screwless installation to a D51 mm cut hole in Ceiling-tile, (recessed type).
Ceiling tile width	5-20 mm
Mounting height	2~7m
Off-delay Timer	Software configurable
Warranty	5 years

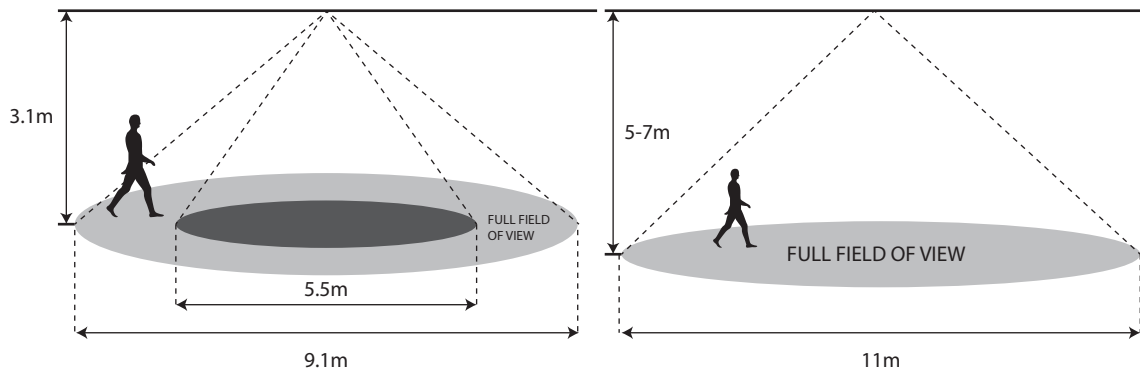
Product availability

SKU	Description	Article No.
603030201	haasCONNECT Digital Sensor Recessed	HL-HC-DSR-03

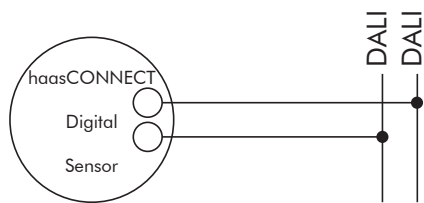
Product Certifications



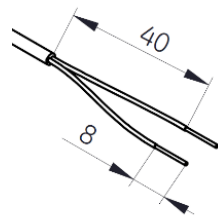
Area of detection



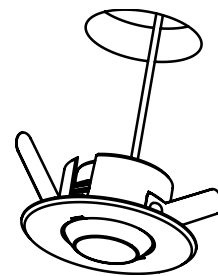
Wiring diagram



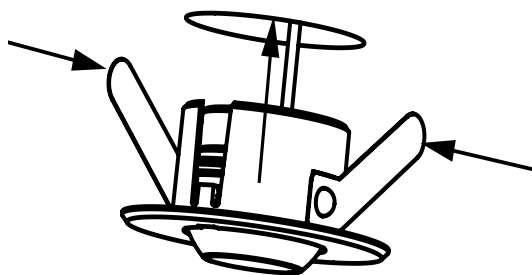
Installation



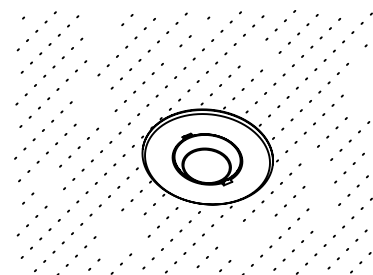
1. Blank tow wires according the picture



2. Cut hole diameter 51mm (2 inch)

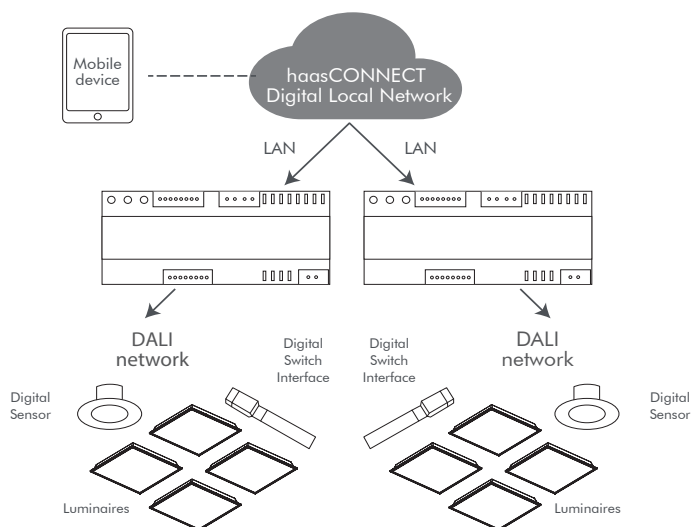


3. Press the flatsprings and inser into cut hole



4. The released flatsprings fix the sensor in the hole

System connection overview



haasCONNECT Digital system components:

haasCONNECT Digital Controller	SKU: 603010201
haasCONNECT Digital Switch Interface	SKU: 603020201
haasCONNECT Digital Sensor Recessed	SKU: 603030201
haasCONNECT Digital Sensor Surface Mounted	SKU: 603031201

Maintenance instructions

In case of observing reduced sensitivity of the PIR motion sensor, the dust level shall be checked and the device shall be cleaned appropriately.

