SMART SENSOR - OCCUPANCY & PHOTOSENSOR

DESCRIPTION

Smart Sensors integrate dual technology occupancy sensing and daylight control into a single device. These sensors are auto-addressed and pre-configured, requiring no dip-switches or dials for sensor adjustment. For applications requiring more than one sensor for area coverage, sensors can be daisy-chained via plug-in CAT5 cables. Smart sensors communicate on Touché's SmartNet making them incredibly simple to configure taking the guesswork out of setting up occupancy and daylight control.

FEATURES

- These sensors are part of Touché's SmartNet devices. SmartNet devices are auto-addressing and auto-configuring. Connection from device to device is made through CAT5 daisy-chained patch cables. Up to (8) devices can be connected to each controlling module's smart port. Smart devices can be connected in any order and any type of smart device can be connected to the daisy-chained network.
- Each smart port automatically aligns the sensing states of the sensors connected to that port so that all of the sensors act as one common sensor. No programming or configuration is required.
- Smart sensors contain no dip switches or dials for configuration. All of the calibration is automatic and all configuration is done via a smart phone app. This greatly reduces installation errors and simplifies mass changes to sensors in the system.
- Smart sensors can be installed as surface mounted devices for hard ceiling (drywall ceilings) applications or flush mounted in drop/lay-in ceiling applications.
- Dual technology sensing: Passive Infrared (PIR) and Passive Acoustic.
- Daylight sensing: simultaneous occupancy and daylight sensing, or daylight sensing only.
- Lensing options for the PIR function comes in two simple configurations:
  - 360L: 360^0 ceiling mount coverage - mounting height = 20' or less
  - 360H: 360^0 ceiling mount coverage - mounting height > 20'.

SURFACE MOUNT CONFIGURATION

RECESSED MOUNT CONFIGURATION
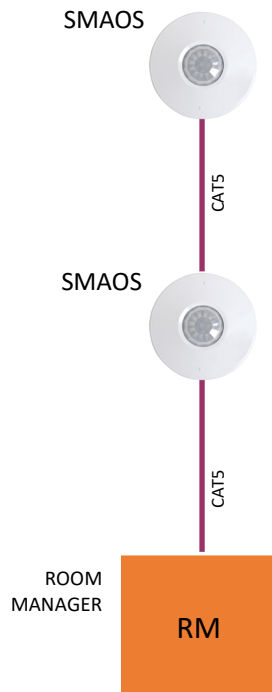
SPECIFICATIONS

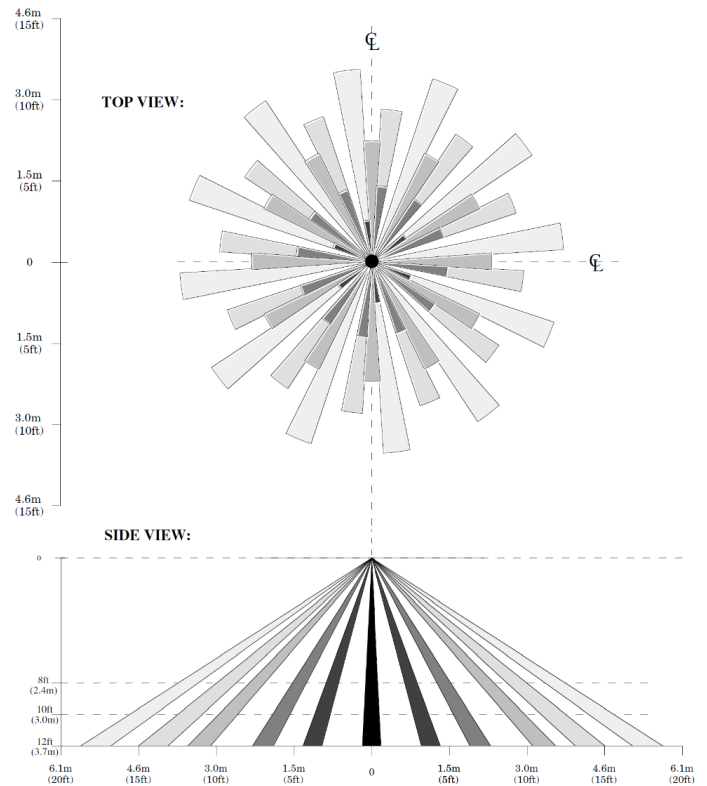|	
POWER SUPPLY VOLTAGE	24VDC - SOURCED FROM SMARTNET (NO EXTERNAL POWER SUPPLY REQUIRED)
CONNECTIVITY	CAT5 (MINIMUM)
LISTINGS	UL916, cUL916
AMBIENT TEMPERATURE	60C (140F)
MAXIMUM HUMIDITY	10 - 90%, NON-CONDENSING
ENCLOSURE	UL2043 PLENUM RATED THERMOPLASTIC (ABOVE CEILING - FLUSH MOUNTED)

CATALOGUE NUMBER

DEVICE TYPE		OCC SENSING		COVERAGE		MOUNTING		COLOR	
SMAOS	Smart Ambient/Occ Sensor	**D**	Dual Tech.	**360L**	360^0 Low Mount (< 20 Feet)	**S**	Surface	**W**	White
				360H	360^0 High Mount (>= 20 Feet)	**F**	Flush		

CONNECTIVITY

SMAOS

CAT5

SMAOS

CAT5

ROOM MANAGER

RM

COVERAGE PATTERN

TOP VIEW:

SIDE VIEW:

Touché Controls (a Product of ESI Ventures)

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