SENSE
IR Detection

For additional instructions, videos and help with connecting SENSE to our interactive players or to a 3rd party player, please scan QR code
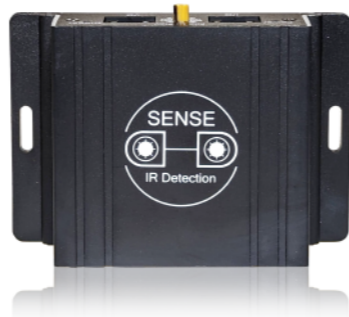
Videotel
d i g i t a l

SENSE Owners Manual

Packing List

1 - SENSE Control Box

1- Optical Sensor

1 - Owners Manual

2 - Mounting Screws

1 - 6' Control/Link Cable

1 - 2' Control/Link Cable

1 - Sensor Mounting Bracket

1 - 6' Power/Trigger Cable for using SENSE as a dry contact switch
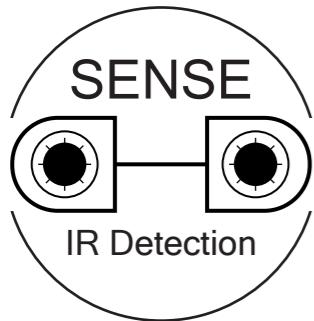
Basic Operation of SENSE

SENSE can be used with any of our interactive media players, with most 3rd party players and as a "dry contact" switch. When a Videotel digital media player is bundled with SENSE then the solution is preset and ready to plug and play right out of the box. The SD card has also been pre-loaded with sample videos: 000.mov (looping "attract" video). 001.mov (plays when someone is detected). 002.mov (plays after 001 has been triggered and when someone moves **away** from the sensor **after** the amount of time set on the "Triggers Exit" dial). 003.mov (plays after 001 has been triggered and when someone moves **away** from the sensor **before** the amount of time set on the "Triggers Exit" dial).

Connections

SENSE will connect to any of our interactive media players with a 4 pin I/O cable. This cable can be made in any length up to 50'. Connect the I/O cable to the back of the media player and then to either jack on SENSE.

When connecting multiple SENSE devices, simply use the other included 4 pin I/O cable and connect the additional SENSE as shown below.

Naming Files When Using SD/USB/LAN/FTP

Load 4 videos per SENSE on your SD/USB (for LAN and FTP - see VP90/VP92 manual). These files will need to be labeled 000.mov (mov, mp4, mp3, etc.), 001.mov, 002.mov, 003.mov. The video file 000.mov represents the video that will loop endlessly until someone stands in front of the sensor. When using 1 SENSE the file 001 is set on the "File to Play" dial and video 001.mov will play once when triggered. If a second Wave Device is used, load a 004.mov, 005.mov and 006.mov videos, set the dial to 004 and video 004.mov will play once when triggered.

Any SD / USB			
Name ^	Date Modified	Size	Kind
000.mov	Dec 30, 2022 at 5:10 PM	242.2 MB	QT movie
001.mov	May 21, 2022 at 2:58 PM	76 MB	QT movie
002.mov	May 21, 2022 at 3:08 PM	83.6 MB	QT movie
003.mov	May 21, 2022 at 3:18 PM	80 MB	QT movie

Connections, File To Play, Power & Trigger

- Either I/O jack can be used for Videotel Media Players, RS232, TTL or dry contact trigger
- When the SENSE Box is connected the "Power" LED will illuminate green
- When the SENSE IR Sensor detects someone (or something) the "Trigger" LED will illuminate blue
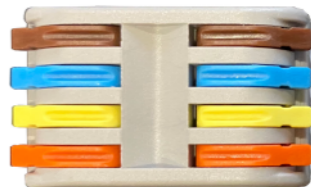
Adjusting Distance & Delay

The distance dial can be adjusted from 3' to 16'. If the dial is set for 6', someone can be 10' away and walk towards the sensor, once they are 6' away the 001 video will start to play. The delay dial on the left is how long someone must stand in front of the sensor before the video will be triggered. The middle dial is for how long the person must move away from the sensor before the "exit video" is triggered (can just be a copy of 001 or a unique "thank you for stopping by" type of video).

Connecting Dry Contact Switch Terminal

SENSE can be used as a dry contact switch. When the sensor detects a person (or object) an internal relay is switched from the normally open position (N.O.) to normally closed (N.C.) for as long as the sensor detects a person/object. Connect the 6 pin I/O cable with the orange 4 conductor terminal block (shown below) into the SENSE Box. The terminal block is labeled and requires 5VDC on the outside connections. The 2 inside connections are the switch.

Ground
Switch
Switch
+5VDC