

NO TOUCH RANDOMIZER

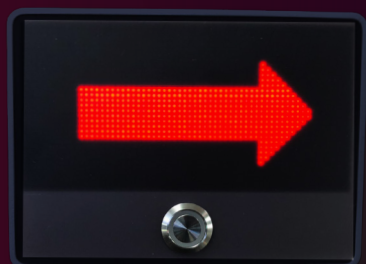
DATASHEET



PASS



STOP



 [THRUVISION.COM](https://www.thruvision.com)

E&OE. SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
SEPTEMBER 2026 V2

THRUVISION

NO TOUCH RANDOMIZER

RANDOMLY SELECT PEOPLE FOR SCREENING

Safe, random selection of people for security screening to support effective management of screening operations.

BENEFITS

EASY TO USE

Users simply wave their hand over the IR sensor to generate a random PASS or STOP decision.

PROGRAMMABLE STOP RATE

Stop rate can be set to any value between 0 and 100% to support all screening rate requirements.

DETERRENT

Random selection of retail distribution centre employees for security screening has been proven to reduce insider theft by up to 80%.

AVOIDS ACCUSATIONS OF BIAS

Random selection removes any possibility of discrimination, targeting or profiling.

NO TOUCH TECHNOLOGY

No touch activation reduces risk of transmission of infections between users.

CLEAR DIRECTION

Red arrow tells users to go to screening; green arrow tells user that they can pass.

FEATURES

INFRA-RED SENSOR

Simple, front-mounted “no touch” infra-red sensor for safe use by all.

VISIBLE AND AUDIBLE ALERTS

Red and green arrows show users whether they have been chosen for screening, whilst optional audible alerts signal to the operator whether a red or green arrow has been shown.

Direction of red and green arrows can be reversed as required, with red pointing left and green pointing right, or vice versa.

REMOTE CONTROL

Operate key functions with no need to approach or touch the device.

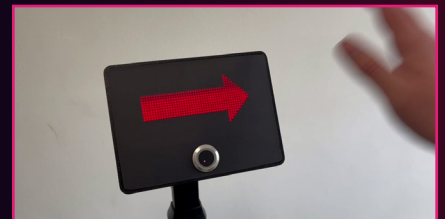
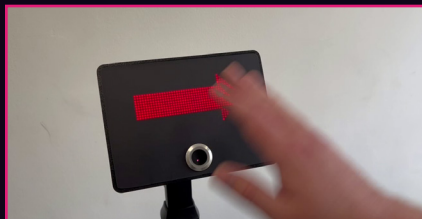
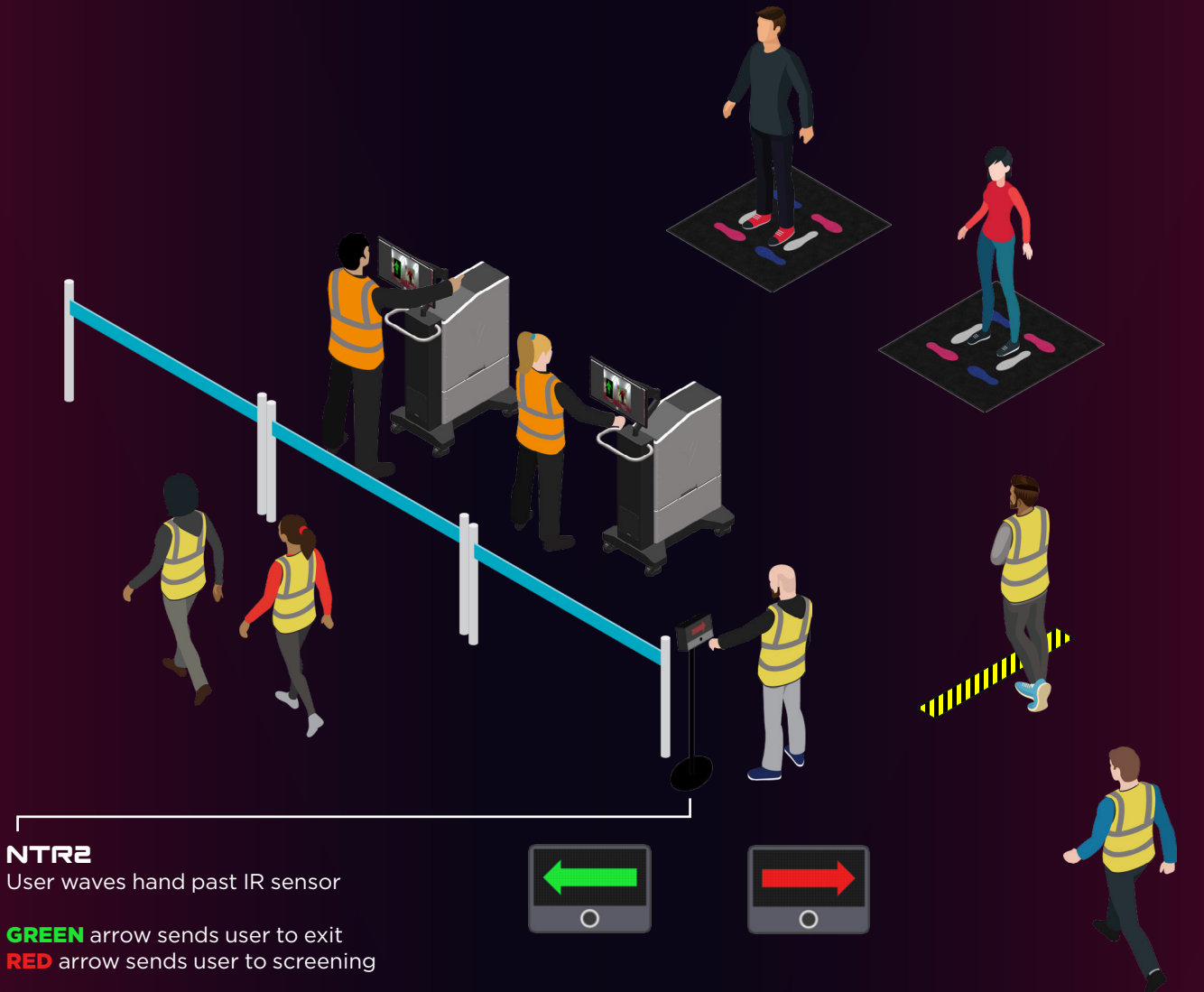
INDUSTRY STANDARD MOUNTING

Robust floor stand mounting included for safe and secure deployment.

Head-unit compatibility with VESA 75 x 75 mm mounting enables use with a range of alternative mounting hardware (not supplied), for e.g. wall or furniture mounting.

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PRODUCT OVERVIEW



User simply waves hand past sensor to generate
a random PASS or STOP decision

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TECHNICAL SPECIFICATIONS

MODEL NUMBER	TV-ACC-NTR2
ACTIVATION METHOD	

Sensor	Infra-red
Maximum activation distance	Approx. 35 CM (14 in)

DISPLAY

Type	RGB LED Matrix
Matrix size	64 x 32 pixels
Pixel pitch	2.5 mm (0.1 in)
Angle of view	160°

ELECTRICAL

Operating voltage	12 V d.c.
Power supply	100-240 V a.c. 50-60 Hz (power supply included)
Power consumption	2 W max.
Connectivity	Ethernet (data) - RJ45 (NOT USED) DC IN (power) - 5.5 x 2.1 x 11 mm (center +ve)

PHYSICAL

DISPLAY UNIT ONLY

Dimensions	H 126mm (5.0in) W 173mm (6.8in) D 78mm (3.0in)
Weight	0.4 kg (0.9 lb)
VESA mount dimensions	75 x 75 mm

DISPLAY UNIT WITH STAND

Dimensions with stand at minimum height	H 1,250mm MAX (49.2in) W 485mm (19.1in) D 355mm (14.0in) Height depends on angle of tilt of display unit
Weight	8.7 kg (19.2 lb)

ENVIRONMENTAL

Operating Environment	Indoor use only
Operating temperature range	-20 TO +50 °C (-4 to 122 °F)
Operating humidity range	20-90% RH non-condensing
Storage temperature	-35 TO +70 °C (-31 to 158 °F)
Storage humidity	10-95% RH non-condensing

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TECHNICAL SPECIFICATIONS

REMOTE CONTROL FOB

Dimensions	H 59.2 mm (2.3 in) W 32.7 mm (1.3 in) D 8.0 mm (0.3 in)
Operating temperature range	-10 to +80 °C (14 to 176 °F)
Operating frequency	433.920 MHz
Operating range	Up to 150 m / 490 ft (line of sight)
IP rating	IP68
Battery	CR2032 3 V

APPROVALS

Conformity	CE, UKCA, FCC
EMC	EN 61326-1:2021, ICES-003 Issue 7, FCC CFR 47 Part 15B
Radio Spectrum Access	EN 300 220-2: V3.1.1 (remote control receiver)
Safety	IEC 61010-1:2010+AMD1:2016, EN 61010-1:2010+A1:2019, UL 61010-1:2012 (2024), CSA C22.2 No. 61010-1+U4:2024
WEEE/RoHS	EN IEC 63000:2018