



AIRTOUCH
AIRTOUCH K2

UNE SOLUTION UNIQUE POUR RENDRE TACTILE DES AFFICHAGES VIDÉO DE GRANDES DIMENSIONS

AirTOUCH et AirTOUCH K2 sont des technologies laser qui permettent de rendre tactile multi-points et multi-utilisateurs n'importe quelle surface vidéo (horizontale ou verticale) jusqu'à 50m de base.

Le dispositif se place au centre devant l'écran (en partie haute ou basse) et il suffit alors de pointer en touchant l'écran ou bien à distance (selon la mise en place choisie pour le projet) pour prendre le contrôle de l'application.

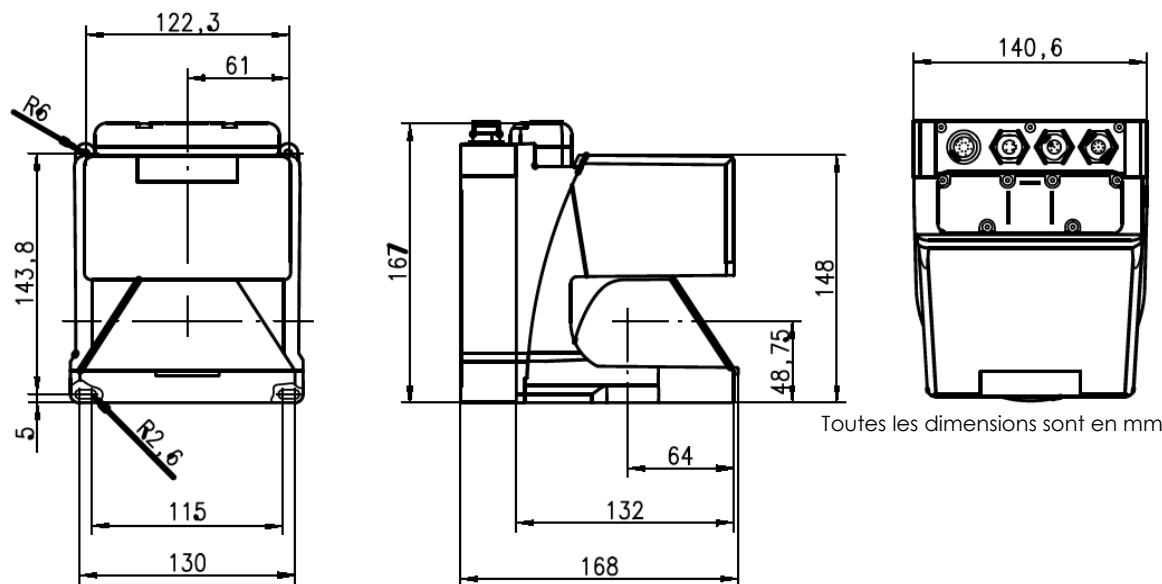
Nous pouvons créer des applications spécifiques selon votre cahier des charges (HTML5, Ventuz, ou Snowflake) ou piloter directement vos contenus interactifs (par émulation souris ou en utilisant le protocole UIO).

Très simple à mettre en place, AirTOUCH et AirTOUCH K2 rendent tactiles tous types d'écrans de grande dimension : écrans LED, vidéoprojections etc...





AIRTOUCH



FICHE TECHNIQUE

OPTICAL DATA

Measurement radius	approx. 25 m, equals 50 m in width
Angular range	max. 180°
Angular resolution	0.36°
Scanning rate	25 scans/s or 40 ms/scan
Transmitter	infrared laser diode, laser class 1 (EN 60825), wavelength = 905 nm, Pmax = 15 W, pulse duration: 3 ns
Average output power	12 µW

DETECTION FIELDS

Object size	> 20 mm at distance of 4 m, > 100 mm at distance of 15 m
Response time	at least 40 ms (corresponds to 1 scan)

ELECTRICAL DATA

Voltage supply	+24 VDC +20 % / -30 %
Overcurrent protection	via fuse 2.5A semi-time-lag in the switching cabinet
Current consumption	approx. 1A (use power supply with min. 2A).
Power consumption	< 75 W at 24 V including the outputs
Overvoltage protection	overvoltage protection with protected limit stop

MECHANICAL DATA

Housing	diecast aluminium, plastic
Weight	2.3 kg
Dimensions	140 mm x 168 mm x 167 mm

ENVIRONMENTAL DATA

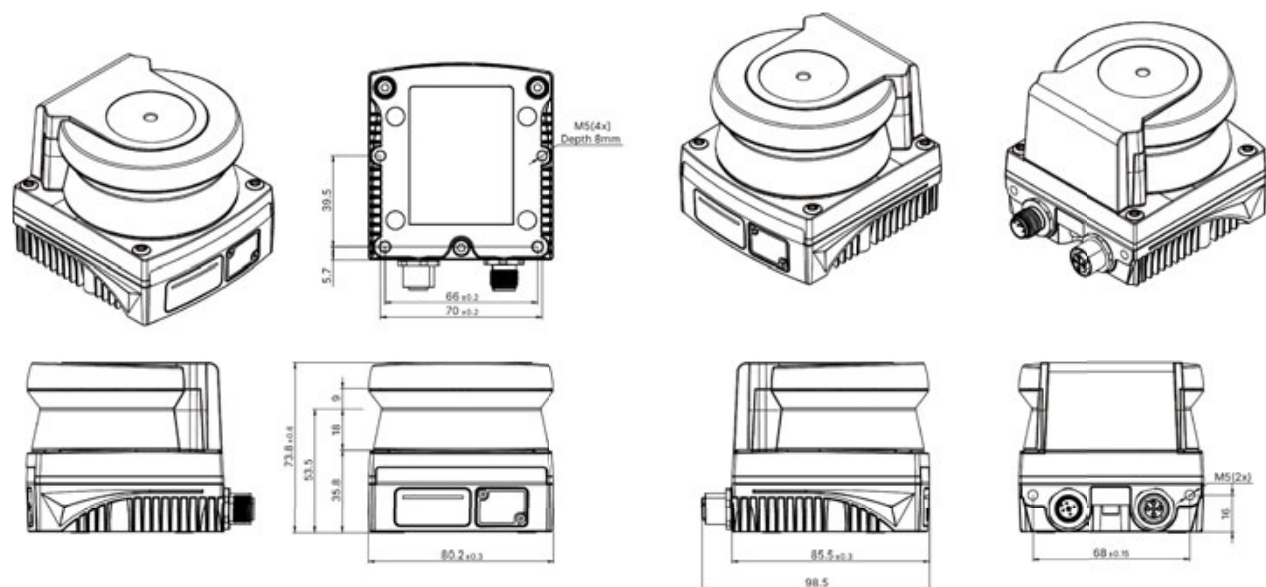
Temperature	0 °C to 50 °C (operating), -20 °C to 50 °C (storing)
Temperature radarTOUCH plus	-20 °C to 50 °C (operating), -20 °C to 50 °C (storing)

CERTIFICATION

Protection	Class IP65
Laser class	1 (acc. to EN 60825-1 and 21 CFR 1040.10 with laser notice No. 50)
VDE safety class	III, protective extra-low voltage
Certifications	CE, CDRH, c UL US
Standards applied	IEC 60947-5-2, UL 508



AIRTOUCH K2



FICHE TECHNIQUE

OPTICAL DATA

Measurement radius	0.08 - 25 m 7 m at 1.8% remission 15 m at 10% remission
Angular range	max. 180°
Angular resolution	0.1°
Scanning rate	40 Hz
Transmitter	Infrared laser, wave length = 905 nm
Response time	at least 25 ms [corresponds to 1 scan]
Flatness of detection plane	+/- 0,2°

ELECTRICAL DATA

Voltage supply	+24 VDC
Power consumption	< 5.5 W at 24 V

MECHANICAL DATA

Housing	Zinc die-cast, plastic
Weight	0.56 kg
Dimensions	→ See drawing [plus connections and cables]

ENVIROMENTAL DATA

Storage temperature	-30°C to +60°C
Operating temperature	-30°C to +60°C
Relative humidity	< 95% non-condensing

CERTIFICATION

Protection class [IEC 60529]	IP67 [only with USB cover installed]
Laser class	Class 1 [according to IEC 60825-1:2014]
Protection class [IEC 61140]	III, protective extra-low voltage