

sSquare Desk

Emotional IoT Assistant

sSquare Desk sensors can be associated with any desk or workstation, to enable IoT features. The device is equipped with an LED visual interface which adjusts its color depending on the workstation's status, and displays, for example, whether a desk is available, usable or booked.

It interacts with sTag smart badge and BLE IoT environmental sensors such as temperature, humidity, motion sensors (PIR), and others. sSquare Desk can also connect BLE equipped smartphones to enable several functionalities.

sSquare Desk provides edge computing capabilities - allowing the generation of virtual sensors from the combination of simple sensors - and BLE/Wi-Fi gateway functionalities through MQTT protocol. sSquare Desk, in association with wearable device sTag, or combined with special applications for smartphones, allows dynamic assignation of workstations to specific employees or to a group of employees assigned to a team. If unauthorized employees are seated at a booked workstation, sSquare Desk displays a different light color, makes a buzzing warning and sends notification of violation to the server.



Product Features

Product Code	50.100004.003
User interface	LED
Power Supply	Micro usb 5V with AC-DC
Power Supply Frequency	50/60 Hz
Front Frame	Transparent PMMA + laser dotting on white colored background
Light Source	LED RGB WS2812b
Connectivity	WiFi, BLE, LAN 10/100
WiFi Protocol	802.11b/g/n/d/e/l/k/r
Wi-Fi Frequency range	2.4GHz – 2.5GHz
Operating Temperature	-10°C / +50°C
Security	IP20
Size	55x78x8mm – 38 gr
Warranty	1 year
Certifications	CE, RoHS