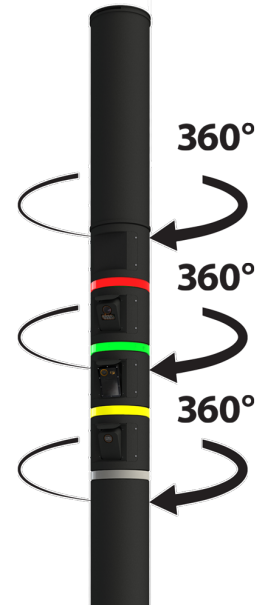




SmarTekPole

- Multifunctional road technology pole;
- Height 8m all-inclusive;
- N° 3 rings with multi-colour LED lighting that can be controlled remotely;
- N° 4 mechanical independent sections of pole designed to hold Camera, radar and ANPR, that can rotate independently up to 360° (patent-pending).
- Possibility of video surveillance camera integration; software option with AID (Automatic Incident Detection) road functions on-board the camera; software option with weather detection functions onboard the camera
- Possibility of integrating 2-lane ANPR camera certified UNI-10772: 2016 class A, ADR Kemler-Code; vehicle counting, vehicle classification in 5 days and 4 classes in the night; brand recognition; colour recognition
- Possibility of integration road radar 2 lanes 66-GHz; speed detection functions, counting for each lane, vehicle classification for each lane, real-time video streaming ONVIF S profile
- Possibility of integration of the C-V2x module which supports the following standards: WiFi 802.11 p (DSRC); WiFi 802.11 b / g / n; WiFi 802.11 a / ac; CV2x LTE-A; OPEN RAN
- Integrated multi-antenna device
- Power supply Pole and optional POE modules
- Made of special alloy iron with particular surface treatment
- The various optional devices can also be added to the pole at a later time



FEATURES:

SmarTekPole is the multi-function technological pole designed to set up a modern Smart Road infrastructures suitable for the technological management of roads through various types of sensors installed on board; moreover, v-POLE SMART also has devices for digital communication between the ground infrastructure C-V2x & WiFi and vehicles OBU or user mobile device in order to support drivers through messages and information and alarm signals that can appear directly in the dashboards of vehicles in transit.

Each optional piece of equipment hosted by SmarTekPole has been designed to be perfectly integrated into the elegant shape of the pole which manages the electrical power supply, checks its correct functioning and protects it from atmospheric agents and vandalism.

SmarTekPole is equipped with a series of validated accessories which, installed onboard in various configurations, allow fast and reliable deployment of the infrastructure to be created, configuring every single pole with the desired devices so that it fits in the best of ways. ways to the stretch of road entrusted to his control.

The simplicity of remote control and on-road maintenance, sturdiness, design, characterize the SmarTekPole product as one of the most practical, flexible and technological solutions on the market today.

- Smart Road
- Smart City
- Smart Infrastructures





DATASHEET:

External diameter:	324 mm
Pole wall thickness:	4 mm
Installation:	on a prefabricated concrete plinth or on the plinth with log bolts
Insert:	M10 for grounding and slot for cable entry
Lighting design:	3 LED circular crowns made of white polyethene
Construction:	ERW iron pipe S 235 JR (UNI EN 10025)
Surface treatment:	cold galvanizing;
Painting:	polyester powders in RAL9005 colour.
Predisposition:	Orientable 360° mechanical housing for camera 5 MPixel bullet v-POLE CCTV for video surveillance & traffic analysis A.I.D. (Automatic Incident Detection)
Predisposition:	Orientable 360° mechanical housing for v-POLE LANE A5B license plate reading camera or similar
Predisposition:	Orientable 360° mechanical housing for v-POLE RAD camera+radar device.
Predisposition:	Hooking with technological well serving the pole
Predisposition:	Containment of WiFi Roadside Unit (RSU) equipment.
Predisposition:	Upper terminal for antennas made of polyethene (material specification
Weight:	about 200 Kg
Wind resistance:	200 Km / h
Consumption:	Max. 150W with all optional devices installed (full configuration)

