2D RADAR

INTRODUCTION

Our 2D radar systems offer reliable solutions for vehicle detection, speed measurement, and traffic monitoring. Featuring an integrated display board, they provide real-time speed information to enhance safety and efficiency. Cost-effective and versatile, these systems are ideal for applications like speed enforcement, parking management, and vehicle classification, with customized options to meet client needs.

:benefits

:Enhanced Compliance Monitoring

Helping authorities enforce traffic laws efficiently by detecting violations such as speeding, lane discipline issues and No Seatbelts , contributing to safer roads for everyone.

:Speed and Direction Tracking

Accurately measures the speed and movement of vehicles approaching or moving away, detects the vehicles on the wrong way and classify the vehicles with precision.

:Cost effectiveness and Low Maintenance

Our 2D radar systems provide high-performance solutions at a competitive price point, with durable designs that minimize maintenance costs over time.

:Remote Control and Monitoring

2D radar systems can be remotely controlled and monitored, providing flexibility and convenience. This allows for efficient deployment and operation, as well as remote data access and analysis.

:Robust in All Conditions

Rain, fog, or nighttime? No problem! The radar's infrared and advanced sensors ensure consistent performance regardless of weather or lighting conditions, offering seamless 24/7 functionality.

:features

ITMS	Long-Range
Weather Almighty	Micro SD
Seeing Through	Waterproof
No-light	Speed Detection

Wrong Way Driving

Fancy Plate

IND MH 34 CE XXXX

Over speeding

120 kmph

Triple Riding

No Seat Belt

TAXI

No Helmet

:model view

Radar   Camera

External IR

Wireless Connectivity With Server

Junction Box

Control Panel

PowerSupply
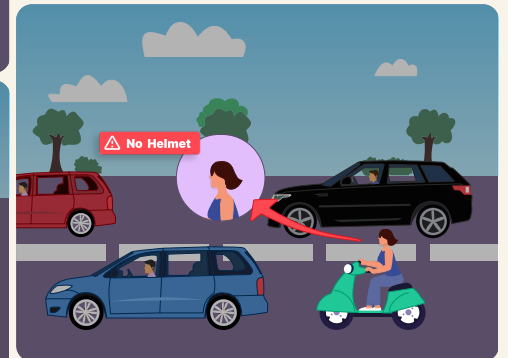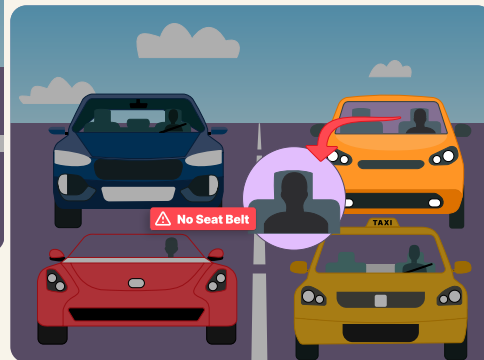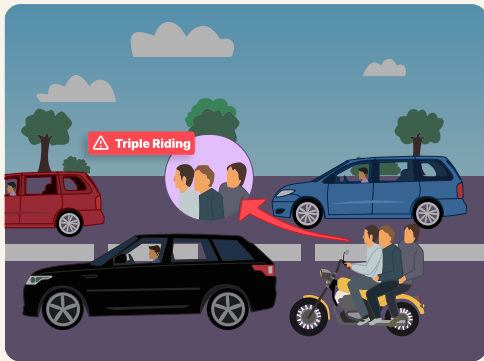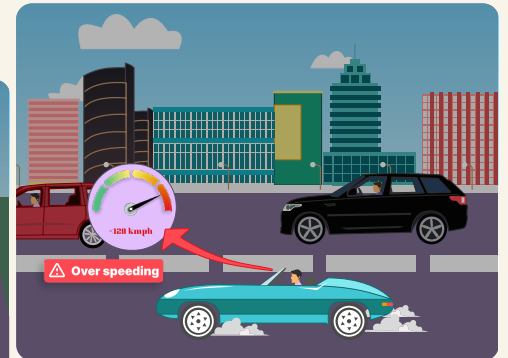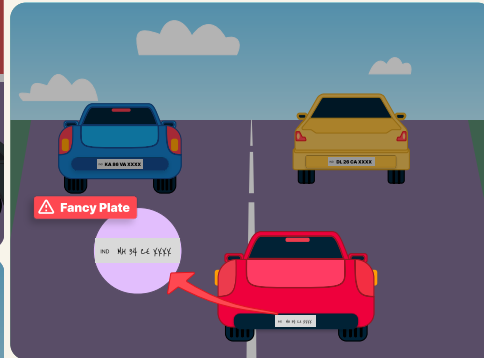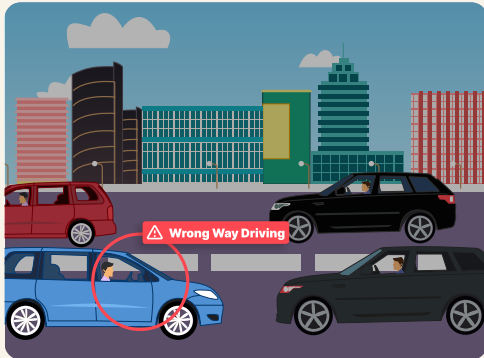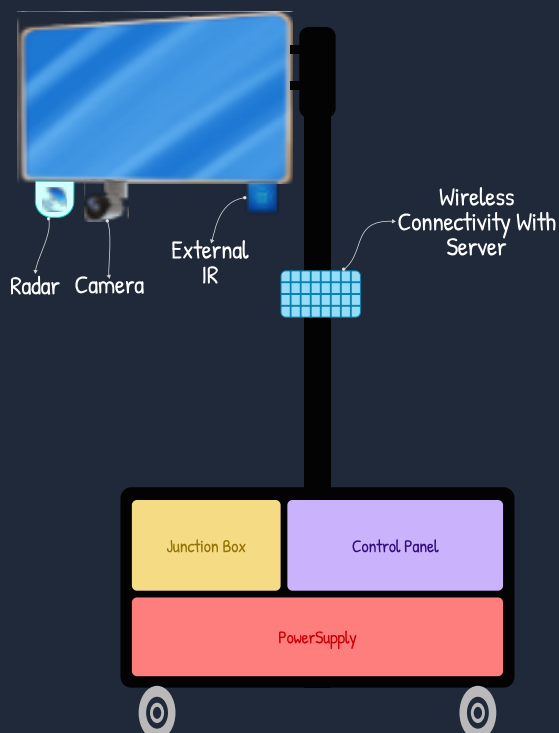
*Our products are fully customizable according to the user's needs.

:specifications

Image Sensor	1/2.8" CMOS
Shutter Time	1s to 1/100,000s
Day & Night	Dual IR Cut Filter with Auto Switch
Wide Dynamic Range	140dB
Zoom & IR Range	33x optical, 16x digital & Up to 150m
Max. Resolution	2.0MP (1920×1080)
Image Setting	Saturation, brightness, contrast, sharpness, adjustable by client software or web browser
On-board storage	Built-in MicroSD card slot, up to 256 GB
Operating Conditions	-40°C~70°C (IR OFF), -40°C~40°C (IR ON), 0-95%RH
Protection	IP67, Lightning protection, surge protection and voltage transient protection

ViNAYAN

Vinayan (India) Consulting & Services Pvt. Ltd.

Next Gen Traffic Management System

Vinayan is transported to be part of groundbreaking projects and takes immense pride in contributing to India's journey toward becoming a digitized, technology-empowered nation. Together, we're building the roads of tomorrow—today!

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DRIVING INNOVATION ENHANCING SAFETY