



# Table of operation precision



in  
**Picomixer** STA ( Smart Traffic Analyzer )

in  
Version 15.0.0

**PICOMIXER**

in  
different situations

Note: The "Standard" Means the availability of the technical requirements and apply the appropriate configuration ( Hardware and Software )	Standard Level →	Full	Mediocre	Low
Operation ↓		precision	precision	precision
Counting Vehicles		94 %	90 %	84 %
Classification of vehicles in 2 groups (Main System): - Light Vehicles ( Cars ) - Heavy Vehicles ( Minibus + Truck + Bus + Trailer )		87 %	80 %	70 %
Classification of vehicles in 5 groups: - Car - Minibus - Truck - Bus - Trailer		83 %	75 %	55 %
Calculating The Traffic Volume		96 %	90 %	85 %
Calculating The Vehicles Speed		90 %	82 %	67 %
<b>Incident Detection:</b>				
- Detecting the Accidents & Unusual stopped vehicles		93 %	90 %	88 %
- Detecting the moving in wrong direction & Overtaking		91 %	86 %	82 %
- Detection of changes in traffic volume		95 %	90 %	84 %
- Detection of changes in vehicles speed		87 %	80 %	72 %
<b>Average</b>		≈91 %	≈85 %	≈76 %