


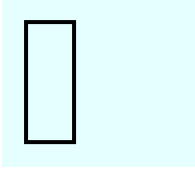
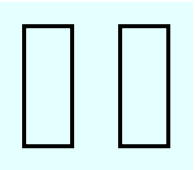
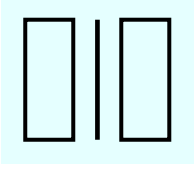
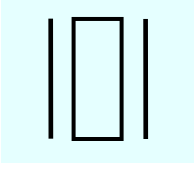
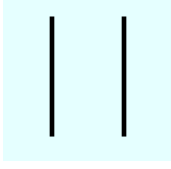
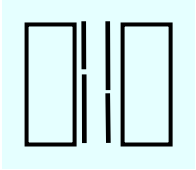



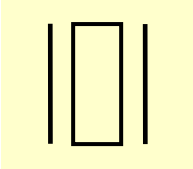
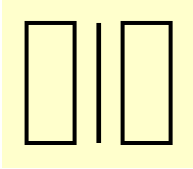
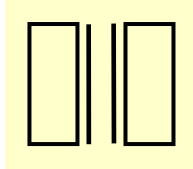
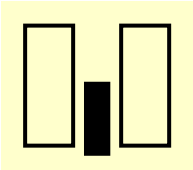
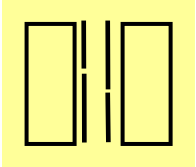



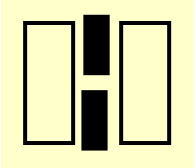





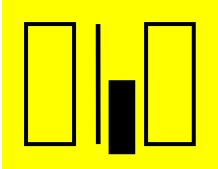
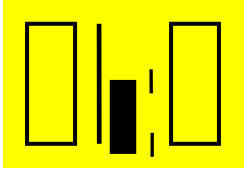
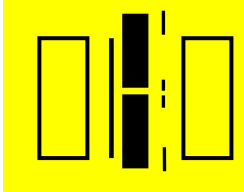
Typical Sensor Configuration Used With RAKTEL

<p align="center"><u>Major Sensor Configuration</u></p>	<p align="center"><u>Description</u></p>	<p align="center"><u>RAKTEL 8010</u></p> 	<p align="center"><u>RAKTEL 4010</u></p> 	<p align="center"><u>RAKTEL 1010</u></p> 
	<p>Single Loop.</p> <p>Volume counts, loop signal classification (light/heavy). Aggregated data.</p>	<p align="center">✓</p> <p align="center">16 lanes</p>	<p align="center">✓</p> <p align="center">16 lanes</p>	<p align="center">✓</p> <p align="center">8 lanes</p>
	<p>Dual Loops.</p> <p>Volume, speed, length, classification (loop signal & length). Aggregated and/or individual vehicle data.</p>	<p align="center">✓</p> <p align="center">8 lanes</p>	<p align="center">✓</p> <p align="center">8 lanes</p>	<p align="center">✓</p> <p align="center">4 lanes</p>
	<p>Dual loops plus axle detector.</p> <p>Volume, speed, length, axle pattern classification. Aggregated and/or individual vehicle data.</p> <p>Axle detectors: Piezo BL Fiber optic SPZ</p>	<p align="center">✓</p> <p align="center">8 lanes</p>	<p align="center">✓</p> <p align="center">8 lanes</p>	<p align="center">✓</p> <p align="center">4 lanes</p>
	<p>Single loop plus dual axle detectors.</p> <p>Volume, speed, length, axle pattern classification. Aggregated and/or individual vehicle data.</p> <p>Axle detectors: Piezo BL Fiber optic SPZ</p>	<p align="center">✓</p> <p align="center">8 lanes</p>	<p align="center">✓</p> <p align="center">8 lanes</p>	<p align="center">✓</p> <p align="center">4 lanes</p>
	<p>Dual axle detectors only.</p> <p>Volume, speed, length, axle pattern classification. Aggregated and/or individual vehicle data.</p> <p>Axle detectors: Piezo BL Fiber optic SPZ</p>	<p align="center">✓</p> <p align="center">8 lanes</p>	<p align="center">✓</p> <p align="center">8 lanes</p>	<p align="center">✓</p> <p align="center">4 lanes</p>

<u>Major Sensor Configuration</u>	<u>Description</u>	<u>RAKTEL 8010</u>	<u>RAKTEL 4010</u>	<u>RAKTEL 1010</u>
	<p>Dual loops plus quad (4) axle detectors.</p> <p>Volume, speed, length, axle pattern classification. Aggregated and/or individual vehicle data.</p> <p>Axle detectors: Piezo BL Fiber optic SPZ</p>	<p style="text-align: center;">  8 lanes </p>	<p style="text-align: center;">  4 lanes </p>	<p style="text-align: center;">  2 lanes </p>

<u>Major Sensor Configuration</u>	<u>Description</u>	<u>RAKTEL 8010</u>	<u>RAKTEL 4010</u>	<u>RAKTEL 1010</u>
	<p>Single loop plus dual WIM strip detectors.</p> <p>Volume, speed, length, axle pattern classification, axle mass & GVM. Aggregated and/or individual vehicle data.</p> <p>Strip element WIM detectors: Piezo BL (class 1) Quartz Crystal</p>	<p>✓</p> <p>4 lanes</p>	<p>✗</p>	<p>✗</p>
	<p>Dual loops plus single WIM strip detector.</p> <p>Volume, speed, length, axle pattern classification, axle mass & GVM. Aggregated and/or individual vehicle data.</p> <p>Strip element WIM detectors: Piezo BL (class 1) Quartz Crystal</p>	<p>✓</p> <p>8 lanes</p>	<p>✗</p>	<p>✗</p>
	<p>Dual loops plus dual WIM strip detectors.</p> <p>Volume, speed, length, axle pattern classification, axle mass & GVM. Aggregated and/or individual vehicle data.</p> <p>Strip element WIM detectors: Piezo BL (class 1) Quartz Crystal</p>	<p>✓</p> <p>4 lanes</p>	<p>✗</p>	<p>✗</p>
	<p>Dual loops plus single WIM pad sensor.</p> <p>Volume, speed, length, axle pattern classification, axle mass & GVM. Aggregated and/or individual vehicle data.</p> <p>Pad WIM sensors: Capacitive Bending Plate</p>	<p>✓</p> <p>8 lanes</p>	<p>✗</p>	<p>✗</p>

<u>Major Sensor Configuration</u>	<u>Description</u>	<u>RAKTEL 8010</u>	<u>RAKTEL 4010</u>	<u>RAKTEL 1010</u>
	<p>Dual loops plus quad (4) WIM strips.</p> <p>Volume, speed, length, axle pattern classification. Aggregated and/or individual vehicle data.</p> <p>Strip elements WIM detectors: Piezo BL Quartz Crystal (Kistler)</p>	<p> 4 lanes</p>	<p></p>	<p></p>
	<p>Dual loop plus dual WIM pad sensors.</p> <p>Volume, speed, length, axle pattern classification, wheel mass & GVM. Aggregated and/or individual vehicle data.</p> <p>Pad WIM sensors: Capacitive Bending Plate</p>	<p> 4 lanes</p>	<p></p>	<p></p>

<u>Major Sensor Configuration</u>	<u>Description</u>	<u>RAKTEL 8010</u>	<u>RAKTEL 4010</u>	<u>RAKTEL 1010</u>
	<p>Dual loops plus single WIM pad sensor with added axle detector.</p> <p>Volume, speed, length, axle pattern classification, axle mass & GVM. Aggregated and/or individual vehicle data.</p> <p>Pad WIM sensors: Capacitive Bending Plate</p>	<p>✓</p> <p>8 lanes</p>	<p>✗</p>	<p>✗</p>
	<p>Dual loops plus single WIM pad sensor with added axle detector and off-scale sensors.</p> <p>Volume, speed, length, axle pattern classification, axle mass & GVM. Aggregated and/or individual vehicle data.</p> <p>Pad WIM sensors: Capacitive Bending Plate</p>	<p>✓</p> <p>8 lanes</p>	<p>✗</p>	<p>✗</p>
	<p>Dual loops plus dual WIM pad sensors with added axle detector and off-scale sensors.</p> <p>Volume, speed, length, axle pattern classification, wheel mass & GVM. Aggregated and/or individual vehicle data.</p> <p>Pad WIM sensors: Capacitive Bending Plate</p>	<p>✓</p> <p>4 lanes</p>	<p>✗</p>	<p>✗</p>

Note: Other configurations and sensor combinations are possible. A popular combination is WIM in the slow lane combined with axle detectors in the other lane(s).