Vehicle Classificator and Speed Measurement System

1m — 3,5m — 3,5m — 3,5m — 3,5m — 1m

0,5m
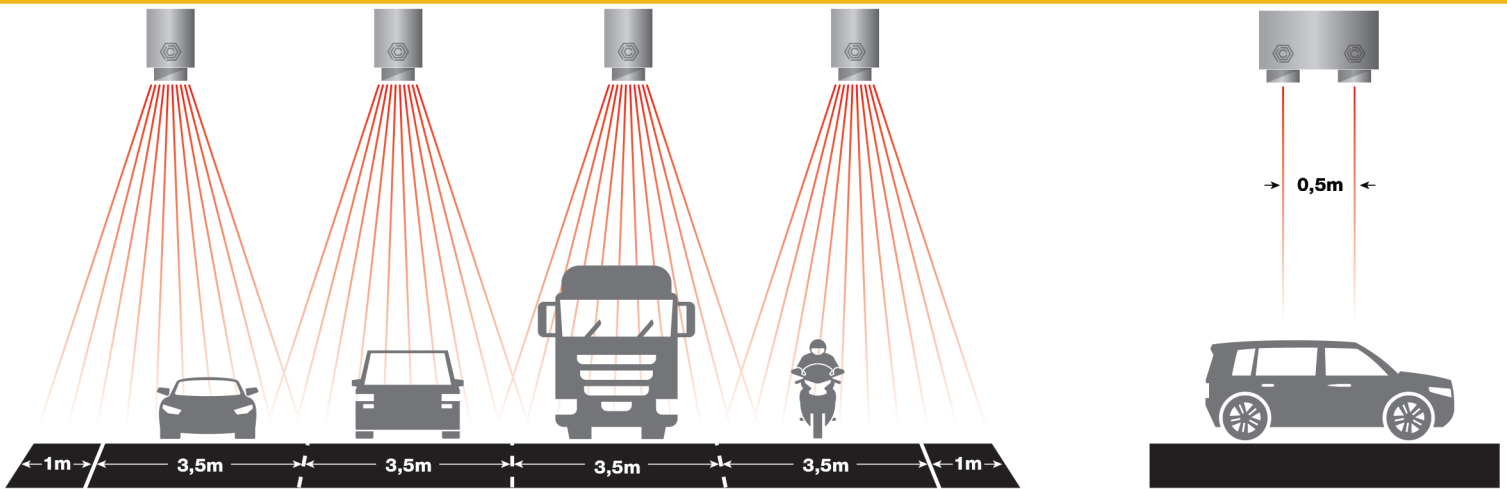
FEATURES

- Dual-line laser-based range finder (2x10 laser beams)
- 6/11 standard classes (+user definable categories)
- Embedded digital signal processing
- Embedded WLAN, GPS, 3G units

BENEFITS

- No moving part
- Compatible with other SpeedCapture or TraffiCapture devices
- Easy and quick setup
- 24/7/356 operation
- Autocalibration

TYPICAL APPLICATIONS

- High-precision vehicle classification
- High-precision speed measurement
- Distance Gap Measurement
- Emergency detection
- Traffic jam / congestion monitoring
- Traffic statistics
- Data transfer to ITS applications

TECHNICAL DATA

LASER

WAVELENGHT	**905nm**
LASER BEAM DIVERGENCE	**<0,8°**
EYE SAFETY CLASSIFICATION	**Class 1m (IEC 60825-1:2001)**
NUMBER OF LASER BEAMS	**2x10**
PULSE FIRING RATE	**10kHz / beam**

MOUNTING

TYPICAL MOUNTING POSITION	**6,0m - 7,5m**

PERFORMANCE

VEHICLE CLASSIFICATION CATEGORIES	**6/11 standard (+user definable) classes**
VEHICLE SPEED RANGE	**0 ... 320km/h**
ACCURACY	**±2%**

COMMUNICATION

TYPES	**WLAN, 3G, Ethernet**

ELECTRICAL PARAMETERS

POWER SUPPLY	**9 – 32V DC**
CONSUMPTION	**max.: 50W**
OPERATING TIME	**24/7/365**

MECHANICAL PARAMETERS

DIMENSIONS	**600mm x 300mm x 200mm**
OPERATING TEMPERATURE	**-25°C … +60°C**
STORAGE TEMPERATURE	**-30°C … +60°C**
IP RATING	**IP65**
WEIGHT	**10kg**

ACCESSORIES

CABLE SET (optional)
BRACKET (optional)
CLEANING KIT

ORDERING INFORMATION

TraffiCapture Classificator	**HX-TC107-CLS**
Cable set	**HX-TC107-CLS/CBS**
Bracket	**HX-TC107-CLS/BRT**

HEXIUM
Technical Development Co., Ltd

Design and specifications are subject to change without notice.
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