

TECHNICAL SPECIFICATIONS COLLECT-R X-STREAM

HARDWARE

- **General Hardware description:**

- o Camera and detector board are integrated in a compact and esthetical round housing.
- o Material:
 - Housing:
 - Aluminum sealed housing with integrated rain/sun shield
 - Glass window
 - Screw connectors:
 - o 3pin connector for power
 - o 8pin connector for Ethernet
 - Mounting bracket:
 - Mounting device: 18cm long U-profile of Fibre reinforced Polyamide
 - Clamps for Collect-R x-stream: 2 tube clamps of Fiber Reinforced Polyamide
 - Clamps for U profile: 2 tube clamps of Fiber Reinforced Polyamide
 - Connection Collect-R x-stream / Mounting device:



- o Weight: Approximately 900g
- o Dimensions, inclusive mounting bracket (Height x Width x Depth):
 - Mounted vertically: approx. 45cm x 16cm x 12cm
 - Mounted horizontally: approx. 41cm x 18cm x 12cm
- o Diameter housing: approx. 10cm

- **Camera details:**

- o Camera type:
 - Color CMOS Camera
 - Sensor size = 1/4 "
 - Camera resolution: 640 x 480 pixels
- o Lens type:
 - Wide angle lens
 - Focal distance = 2,1 mm
 - Viewing angles:
 - Horizontal: 95°
 - Vertical: 85°
 - Corner to corner: 103°

- **Power Requirements:**
 - o Input power: 12-48V AC/DC
 - o Maximum power consumption 3W
 - o 125mA @ 24VDC
- **Video Compression:**
 - o Type: MPEG-4
 - o Frame rate: 25 frames per second
 - o Resolution: 640x480 (VGA)
 - o Baudrate: up to 4Mbit/s
- **Communication:**
 - o TCP/IP connection

REGULATORY ISSUES

- **Shock and Vibration:** Compliant with
 - o NEMA II specifications
- **EMC / EMI:** Compliant with
 - o CE directive 85/336/EEC ; product standard EN55022 Class A
 - o FCC part 15 Class A
- **Water resistance:** Compliant with
 - o Housing sensor: IP67
 - o Other materials: Waterproof (UV-resistance)
- **Temperature and humidity:**
 - o Temperature range: -34C to +80C @ 95% non-condensing

SOFTWARE

- **Configuration and Data download via software on portable PC**
 - o Traficon Configuration Tool (TCT) to perform setup:
 - Up to 4 data zones per Collect-R x-stream
 - Integration intervals
 - Generate Traffic Flow levels
 - o Traficon Data Tool (TDT), Traficon Management Software (TMS Flux) or SDK to download data and events
 - .csv file and/or .xml file

CONNECTIONS COLLECT-R X-STREAM:

- **Power Supply:**
 - o Cable diameter: 4-8mm
 - o Maximum cable length: 300m
 - o Required number of wires: 3
 - Min 1mm (AWG18) when length is 300m
- **Ethernet:**
 - o CAT5e cable

YOUR CONTACT