

Facts & Figures

5%

Compound annual growth rate (CAGR) for fire trucks between 2021 and 2026 (source: Mordor Intelligence). Most of the market-leading suppliers use multi-

ple CAN-based networks for the body applications. DIN standardizes the CAN interfaces for some fire-fighting equipment in DIN 14700, which complies partly to CANopen. CiA has established a SIG (special interest group) to initiate further standardization of fire-fighting device interfaces.



CiA 604-1

The CAN FD Light specification has been released as Draft Standard Proposal. The 16-pages document specifies the CAN FD Light responder node. Bit-rate switching is not supported, which limits the bit-rate to 1 Mbit/s. The commander/responder commu-

nication scheme is optimized for price-sensitive sensor/actuator systems. It is used as deeply embedded network in smart headlights for road vehicles. But it is also suitable for industrial application due to its robustness and reliability.

As usual, CiA exhibits on the SPS tradeshow in Nuremberg (November 23

sps

smart production solutions

to 25). The CiA booth is in hall 5 at stand 410 showing CANopen products from some member companies and informing interested parties about CAN technologies.

More than ...

CiA has uploaded on [Youtube](#) many videos in English, Chinese, and Russian language. Most of them are records of CiA webinars, [CiA technology days](#), and [iCC papers](#).



Most watched are the ["CAN FD from a view point of an OEM"](#) and the ["Bit time requirements for CAN FD"](#) iCC presentations.

... 127 videos

Three out of four

About 75 % people in the European Union live in cities and the trend is rising. Many of them would like to use pedelecs and e-bikes for the inner-city journeys and the weekend travels. This is why the Bosch Ebike Systems participated for the

first time at the IAA Mobility tradeshow. Bosch provides CAN interfaces for many of its pedelec devices. The company is one of the market-leading suppliers in Europe.



20 CAN FD

ports

The Stellar SR6 P micro-controller series by ST Microelectronics provides up to 20 on-chip CAN FD nodes. One of the CAN FD nodes supports TTCAN (Time-triggered Controller Area Network). Based on six Arm Cortex-R52 cores, the MCU

addresses ASIL-D (automotive safety integrity level) safety-related applications compliant with ISO 26262.

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