

DISPLAYS

## *Touch-screens with CANopen and J1939 support*

CP Device (China) has launched a series of displays suitable for road and off-road vehicles. They also support the ISO 15765-2 CAN transport protocol.

The Chinese manufacturer offers 7-inch or 10,1-inch displays with screen sizes. The devices are based on 1,5-MHz quad-core processors. The Apollo 10 display features a 2-GiB RAM and a 16-GiB ROM extendable to 32 GiB. There are several communication options implemented: Wifi, Ethernet, EIA-232, and EIA-485. Four cameras can be connected to the display.

The CAN interface supports bit-rates of 250 kbit/s and 500 kbit/s. The supplier provides protocol stacks for CANopen and J1939. In addition, the ISO 15765-2 CAN transport protocol is supported, which is used especially in passenger cars. The display uses an Android operating system.

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*The Apollo 10 comprises a 10,1-inch touch-screen (Photo: CP Device)*