



# DRIVER OPERATING DISPLAY UNIT

Flownex Drive

## Features

- ✕ 10.1" full colour IPS Display
- ✕ Capacitive Touch Panel
- ✕ High-Performance Quad-Core Processor
- ✕ Robust Design for Reliable In-Vehicle Performance

Flownex-Drive is a driver/operator console that connects the driver with the Bus CAD/AVL system and onboard devices, providing real-time route, schedule, stop progression, and service alerts through a safe, glanceable interface.

Integrated via the onboard IP network, it synchronizes with FPVs and PIS, and its open architecture ensures seamless integration, future upgrades, and CMP-compliant reliability.

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## Flownex Drive

Specifications	Description
Software Platform	Yocto Linux, Android 14
Processor	Quad-Core core Cortex processor with 1 TOPS
RAM	2GB LPDDR4 / LPDDR4X
Storage	8GB flash
Display	10.1" multi-touch color LCD panel (720 x 1280)
Cellular	LTE-4G (mPcie) with Nano SIM card slot
Connectivity	Wi-Fi, BT 5.2
Ethernet	1 x 10/100/1000Mbps (PoE / PoE+ support (IEEE 802.3af and IEEE 802.3at ) to work as PD)
COM Ports	1 x RS232, 1 x RS485
USB	2 x USB-C Host and OTG
GPIOs	2 x Isolated Digital Input , 4 x Isolated Digital Output
Audio	1.3W@8 ohm Speaker output
Power Input	9-50 VDC, 2A
Compliance	IK08, IP65
Environmental	Operating temperature: -20°C~60°C Relative humidity (non-condense): 5% ~ 95%
Dimensions	186mm (H) x 270mm (W) x 35mm (D) ( without Mounting)
Mounting	Supports VASE mounting