

MEDIA ECU THAT RUNS YOUR APPS

CONTROL CAN NETWORK DEVICES
WITH LINUX / ANDROID APPLICATIONS

BENEFITS

- Build a user interface with standard Linux or Android tools
- Use modern web technologies for portable user interfaces
- Run Android business apps
- Replace a PC
- Integrate with the CAN network
- Ensure visibility in bright daylight
- Connect to a 3G network

The new display unit for automotive and mobile application gives you all these benefits. Its modular design gives the maximal freedom for design.

Display unit AID121

- Slim design
- Sunlight readable, 800 cd/m²
- Open programming environment on Linux or Android
- 10" size
- Capacitive touch screen
- Bluetooth and optionally WiFi

Gateway unit AIM121

- 2 CAN buses
- Audio amplifier, 2 x 15 W
- 3G connectivity (optional)
- 5 multi-mode inputs:
 - Analog input, two ranges
 - Digital input
 - Resistance measurement, two ranges



Performance

FEATURE	
Display	
Screen size	10.1" (217 mm x 136 mm viewing area)
Resolution	1280 x 800 pixels
Brightness	up to 800 cd/m ² , dimmable
Contrast ratio	600 (minimum), 800 (typical)
Viewing angle	150° vertical, 150° horizontal
Touch screen	Capacitive multi-touch
Audio	
Output power	2 x 20 W
Wired connectivity	2 x line in, 2 x line out, microphone in w/bias
Wireless connectivity	Bluetooths audio streaming (A2DP)
Interfaces	
CAN bus	2 x ISO 11898-2
Serial bus	1 x EIA-485 or EIA-232
WLAN	IEEE 802.11
Bluetooth	v 2.1 + EDR
Inputs	
Quantity	9
Analog input range, high range	0 V to Vbat
Analog input range, low range	0 V to 5 V
Resistance measurement, high range	0 Ω to 32 kΩ
Resistance measurement, low range	0 Ω to 250 Ω
Digital input	High & low side (NPN & PNP), biased to half supply
Pulse counter	up to 1 MHz
Diagnostic	short & open circuit
Supply voltage	9 V ... 16 V
Housing, display unit	
Dimensions	265 mm x 182 mm x 20 mm (edge) / 40 mm (center)
Weight	900 g
Protection	IP65
Housing, connectivity unit	
Dimensions	268 mm x 156 mm x 33 mm
Weight	1380 g
Protection	IP65
Connectors	AMPSEAL, 23 + 14 positions
Application development for GUI	Android Studio or conventional Linux tools like Qt
Application development for I/O	Lucid (IEC 61131)
Application updates	Over CAN

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