

DLT-SA6100 Screen Blanking Solution

Startup Manual

Functional description

DLT-SA6100 Screen Blanking Solution is used to overlay the display of vehicle mounted terminals with a black or a customer-defined static image as soon as the vehicle is in motion. The driver is not distracted and the running application can no longer be used. Once the vehicle is stationary again, the display is reactivated automatically. This is controlled via the following components:

- The DLT-SA6100 Sensor Stick (USB stick) that is connected to the vehicle mounted terminal.
- The ADLoG Screen Blanking Software that is installed on the vehicle mounted terminal.

DLT-SA6100 Screen Blanking Solution is permitted to be used on the company site, but not on public streets or in public locations.

For more information on this and other Advantech products, please visit our websites below:

<http://www.advantech.com> or

<http://www.advantech-service-iot.eu>

For technical support and service, please visit our support website at:

<http://erma.advantech.com>

This startup manual is for the DLT-SA6100 Screen Blanking Solution.

Part No. 2008SA6100

Edition 1
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Packing List

- Startup Manual
- DLT-SA6100 Sensor Stick



Safety Instructions

Read and observe these safety instructions before commissioning and using the DLT-SA6100 Screen Blanking solution.

WARNING Risk of accidents; serious and potentially fatal injury possible!



DLT-SA6100 Screen Blanking Solution is a support tool only; the obligation to exercise diligence when driving remains fully and at all times with the driver. DLT-SA6100 Screen Blanking Solution does not replace the requirement of the driver to exercise diligence. DLT-SA6100 Screen Blanking Solution does not replace the requirement of the driver to observe road traffic regulations, accident prevention regulations and company safety guidelines.

Read and observe "DLT-SA6100 Screen Blanking User Manual" available online and provided for download from our websites below:

<http://www.advantech.com>

<http://www.advantech-service-iot.eu>

Initial Start-up

1. Connect the DLT-SA6100 Sensor Stick to a suitable USB port of the vehicle mounted terminal. NOTES: Do not use any intermediate or extension cables. The USB port must fulfill a minimum of the following technical requirements:
 - USB 2.0 port type A
 - Vibration-proof
 - High-retention
2. Download DLT-SA6100 Screen Blanking Solution software from the Advantech website:

<https://cutt.ly/DLT-SA6100>



3. Install DLT-SA6100 Screen Blanking Solution software. Before you start, please check if DLT-SA6100 Sensor Stick is properly installed.
4. Start the ADLoG Screen Blanking config tool and configure screen blanking specifically for each vehicle mounted terminal as the automatic screen blanking depends on the vehicle type and the conditions of use of the vehicle. Examples:
 - Condition and evenness of the ground on which the vehicle is moving.
 - Type of vehicle: different vibration strength of electric vehicles, petrol vehicles, etc.
5. Test the screen blanking function in the actual usage environment before putting it into operation.
6. Re-configure the system as necessary and re-test.

System Test prior to Live Use

To ensure that the configuration of the DLT-SA6100 Screen Blanking Solution was successful, the blanking must be tested for each vehicle mounted terminal in the actual usage environment prior to live use.

Regular Maintenance

Vehicle mounted terminals are subjected to high loads due to vibration and shocks, so carry out checks on a regular basis (depending on the load and environmental conditions, e.g. weekly, monthly, etc.) to ensure that the DLT-SA6100 Sensor Stick is securely fixed in the USB port.

Manufacturer

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