

Displaydata

# Dynamic Communicator

Installation Guide



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## GNU Software License Information

The software included in this product contains third-party code licensed under various open licences. For full details please see

<http://www.displaydata.com/opensource/ethernetcommunicator>

The software included in this product contains copyrighted software that is licensed under the GPLv2, LGPLv2.1, GPLv3 or LGPLv3. Copies of these licences are included in this document at the end of this section. You may obtain the complete Corresponding Source code from us for a period of three years after our last shipment of this product by contacting us at the below address:

Open Source Licence Compliance Officer  
Displaydata Ltd  
Century Court  
Millennium Way  
Bracknell  
Berkshire  
RG12 2XT  
United Kingdom

You may also find a copy of the source at

<http://www.displaydata.com/opensource/ethernetcommunicator>

This offer is valid to anyone in receipt of this information.

## Dynamic Communicator

The Communicator transmits the image to the correct displays and controls the status of the Display network.

Installation of the software/drivers is covered in documentation available from [support@displaydata.com](mailto:support@displaydata.com).

## Check Package Contents

- Dynamic Communicator

**Note:**

All packaging materials are recyclable.

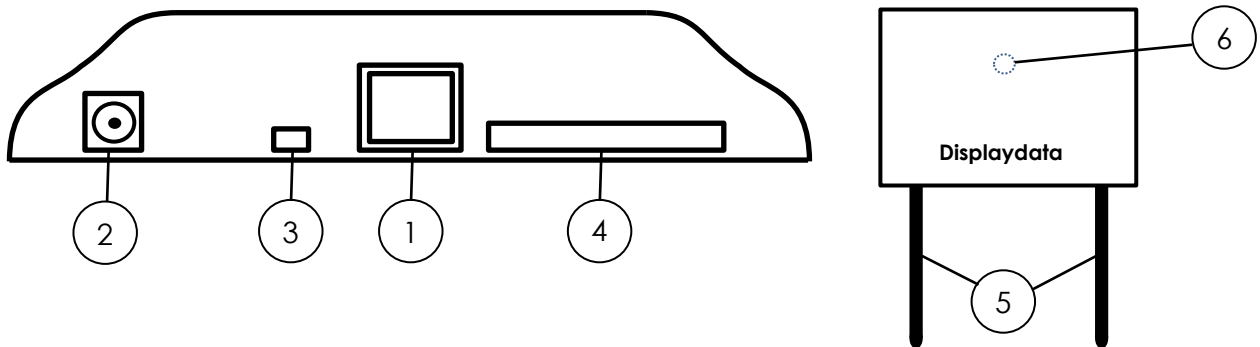
## Mounting Installation

The dynamic communicator should be vertically mounted with the antennas pointing downwards.

An installation template to aid mounting can be downloaded from the Displaydata Support website.

## Connecting the Dynamic Communicator

1. Ethernet Port
2. DC Input
3. Factory reset - DO NOT USE. Warning this will erase user data!
4. SD Card slot - DO NOT USE. Reserved for future expansion.
5. RF Antennas – note orientation for optimum performance.
6. Power Status LED – indicates green when unit is correctly powered.



## Turning the unit on

Option 1: Power over Ethernet (IEEE 802.3af)

Option 2: DC Power Supply (Sold Separately)

### Important:

Connect network cable first, then power supply.

PSU must be rated as follows: -

Output: 5.0V/1.2A or 5.2V/1.2A



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## Regulatory Information

### Safety Notices

Take some time to read through the safety notices before installing the Dynamic Communicator. Please observe all safety markings and instructions when using this product.

### Radio Transmission Regulatory Information

The Dynamic Communicator and the Display (epop) label have been tested to comply with the following standards.

This product must be installed and used in strict accordance with the instructions given in the user documentation. The Dynamic Communicator and epop label complies with the following radio frequency and safety standards:

### USA - Federal Communication Commission Interference Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### Canada – Industry Canada Warning Statement

#### English

"Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication."

"This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device."

#### Français

"Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada.

Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante."

"Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

### **Europe - CE Declaration of Conformity**

We, Displaydata Limited of Century Court, Millennium Way, Bracknell, Berkshire RG12 2XT United Kingdom, declare under our sole responsibility that the Displaydata Dynamic Communicator and epop, to which this declaration relates is in conformity with the following standards and/or other normative documents:

- EN300 220-2 V2.4.1
- EN300 220-1 V2.4.1
- EN301 489-1 V1.9.2
- EN301 489-3 V1.6.1
- EN60950-1:2006/A12:2011

We, Displaydata Limited, hereby declare that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

This product can be used in but is not restricted to the following countries:

UK, Germany, Austria, Belgium, Switzerland, Netherlands, Luxembourg, Italy, France, Ireland, Spain, Portugal, Sweden, Norway, Denmark, Finland, Czech Republic, Hungary, and Greece.

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# Warranty and Support Services

## Technical Support

Contact your authorized partner or reseller for support on this product.

There are no user-replaceable parts on this product.

## Return Merchandise Authorization

Please contact our support center for an RMA number before sending your product to the repair address. Product sent to the repair address without an RMA number will be returned unopened.

In Europe: Displaydata Limited, Century Court, Millennium Way, Bracknell, Berkshire RG12 2XT United Kingdom

Email: [support@displaydata.com](mailto:support@displaydata.com)

Web: [www.displaydata.com](http://www.displaydata.com)

## One Year Limited Warranty

This device is guaranteed against manufacturing defects for one full year from the original date of purchase.

This warranty is valid at the time of purchase and is non-transferable.

This warranty must be presented to the service facility before any repair can be made.

Sales slip or other authentic evidence is required to validate warranty.

This product should be installed and used in accordance with the instructions detailed in this user guide and serviced at an approved Displaydata Service Centre. Failure to comply with these conditions may render the warranty void.

Damage caused by accident, misuse, abuse, improper storage, and/or uncertified repairs is not covered by this warranty.

All mail or transportation costs including insurance are at the expense of the owner.

Do not send any product to service center for warranty without a RMA (Return Merchandise Authorization) and proof of purchase. Ensure a trackable method of delivery is used (keep tracking number).

Warranty is valid only in the country of purchase.

We assume no liability that may result directly or indirectly from the use or misuse of these products.

***This warranty will be voided if the device is tampered with or improperly serviced***

## WEEE Statement (Waste, Electrical and Electronic Equipment)

The WEEE directive places an obligation on all EU-based manufacturers and importers to take-back electronic products at the end of their useful life.

Displaydata Limited accepts its responsibility to finance the cost of treatment and recovery of redundant WEEE in accordance with the specific WEEE recycling requirements.

The symbol (shown) indicates that this product must NOT be disposed of with other waste. Instead it is the user's responsibility to dispose of their waste electrical and electronic equipment by handing it over to an approved reprocessor, or by returning it to Displaydata for reprocessing. For more information about where you can send your waste equipment for recycling, please contact your local city office or Displaydata support offices.

Displaydata has applied to become a member of a compliance scheme.

Our Producer Registration Number is WEE/DB0248QZ

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Displaydata is fully aware of the new legislation and has taken steps to ensure that all products are RoHS Compliant and as a "Producer" of product ensures that we meet the new regulations.



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*signature of Ty Coon,*

1 April 1989 Ty Coon, President of Vice

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[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

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