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RGB Displays: NTP Displays for Time and Date with PoE

The RGB displays are equipped with a network communication module (Ethernet module) and allow intuitive configuration via the integrated "website". The integrated "website" consists of five web pages where you can configure various functions of the unit (e.g. manual setting of local time and date, IP addresses of NTP time servers, date and time format, display brightness, network settings and much more).

Key Features

- 4 or 6 Digit red LED Display
- Large 100 mm numerals, visible over 50 mtrs.
- 12 h / 24 h Time-Display Option
- Power over Ethernet, no Power Supply needed
- Powder coated steel housing
- DHCP or static IP addressing

Description

Display Structure

RGB displays support PoE (Power over Ethernet) and are housed in a powder-coated steel enclosure. All clocks have protection against atmospheric conditions and anti-reflective coatings.

Mounting the Display

An RGB display is mounted as standard on a flat surface using the factory mounting holes on the back of the unit.

Application

The RGB PoE device is designed to display the time and the date. In addition, an RGB clock can be used as a time standard for other devices.

Areas of Application (Examples)

Production halls, business premises, logistics centres, schools, public transport, sports facilities, railway stations, airports

Configuration

An RGB display can be configured safely and conveniently via its "own website".

Automatic Brightness Control

A light sensor is included in the standard version. The display adjusts the brightness of the display to the lighting conditions of the environment.

Characteristics

Display	red 4-digit 7-segment LED display (hh:mm), 100 mm numerals red 6-digit 7-segment LED display (hh:mm:ss), 100 mm numerals
Electrical Connectors	RJ45 - IEEE 802.3af(PoE), IEEE 802.3at (PoE+)
Power Consumption	Average power consumption of the device: 3,5 W
Operating Voltage	Power over Ethernet (PoE) compliant to IEEE 802.3af
Form Factor	Steel housing - powder coated
Physical Dimensions	Dimensions (W x H x D): 4-Digits: 350 mm x 170 mm x 44 mm / 13.8 in x 6.7 in x 1.7 in 6-Digits: 486 mm x 170mm x 44 mm
IP Rating	Casing tightness rating IP: 4X
Product Weight	Weight of the device: 1.7 kg
Supported Temperature	Ambient: -25 °C ... 45°C / -13 °F ... 113 °F Surface: -25 °C ... 60 °C / -13 °F ... 140 °F Storage: Due to the protective packing the module should be stored in the temperature not lower than -25 °C and not higher than +60 °C at the humidity below 99 %.
Supported Humidity	max 95 %, non-condensing
Warranty	Two-Year Warranty
Options	Note: For a non PoE-capable network connection you need a PoE injector - this is not included in the scope of delivery and must be ordered additionally from us.
RoHS Status of Product	This product is fully RoHS-compliant.
WEEE Status of Product	This product is handled as a B2B (Business to Business) category product. To ensure that the product is disposed of in a WEEE-compliant fashion, it can be returned to the manufacturer. Any transportation expenses for returning this product (at end-of-life) must be covered by the end user, while Meinberg will bear the costs for the waste disposal itself.

Manual

The English manual is available as a PDF file: [1][Download \(PDF\)](#)

Links:

[1] https://www.meinbergglobal.com/download/docs/manuals/english/instr_hardware_rgb-display.pdf