

INDOOR CLOCKS PRICE LIST



Valid from 01.01.2024

RGB Technology



RGB Technology Sp. z o.o. is the leading Polish manufacturer of LED displays. The seat of the company and its production plant are situated in Koszalin.

The company was founded in 2005 as a response to the market demand connected with the development of LED technology for outdoor applications. Nowadays, the company employs more than 50 people.



LED displays produced in Koszalin are purchased by customers in all Europe (almost 80% of the production is exported). RGB Technology brand products are present on the markets of more than 50 countries (EU and non-EU).

As a manufacturer, we ensure fast delivery, full after-sales and post-warranty service along with the long-term availability of spare parts from the stock.



You are welcome to visit our webpage:

www.indus.rgbtechnology.pl

- photos and videos
- more information about the company and our products

ZAS10-L POE



Model	ZAS10-L PoE
Display format	HH:MM
Digit height	4" / 100 mm
Dimensions	170 x 350 x 44 mm
Power supplied over standard Cat5e cabling	IEEE 802.3af (POE+ compatible) Power over Ethernet standard
Device operations temperature (ambient)	-25°C ÷ 45°C
Casing tightness rating IP	4X

ZBS10-L POE



Model	ZBS10-L PoE
Display format	HH:MM:SS
Digit height	4" / 100 mm
Dimensions	170 x 486 x 44 mm
Power supplied over standard Cat5e cabling	IEEE 802.3af (POE+ compatible) Power over Ethernet standard
Device operations temperature (ambient)	-25°C ÷ 45°C
Casing tightness rating IP	4X

INDOOR CLOCKS, ADVANTAGES



NTP time
synchronization



DHCP or Static IP
Address



CLOCK
function



Auto brightness
control



Web browser or
IR remote control



MASTER Clock
function

TIME SYNCHRONIZATION, CLOCKS SYSTEMS

Time in the clocks can be set manually by the user or using the function of automatic time synchronization:

NTP time client

NTP (Network Time Protocol) – is a communication protocol supporting precise, stable and safe synchronization of clocks with any time server through the computer network. A great advantage of this solution is possibility of simultaneous synchronization of a large number of devices. The synchronization may be executed:

- from your own local time server – the Internet access is not required
- from a public remote time server – the Internet access is required

Every clock can be configured as a local NTP time server – as described below.

NTP synchronization advantages:

- provides precise time synchronization with the NTP servers
- possibility of simultaneous synchronization of many clocks from the same server
- operation of five different time servers (1 primary and 4 alternative) provides reliable synchronization.
- changing the time server from the primary to an alternative one is carried out automatically when a failure is detected.

The NTP time synchronization is carried out via the Ethernet (the interface is included in the standard equipment of every clock).

Function of the local NTP time server

Every clock of ZAS/ZBS series may be a central clock (MASTER) which, in the LAN, will provide the time source for other clocks (Slave). In consequence, it is easy to create a clock system in which the central clock can receive time from: a public NTP server or its own internal clock.

Providing synchronized time to all clocks guarantees that everybody uses the same time source. It is extremely important for workplaces, production halls, schools, stations, platforms, etc.

SETTINGS MANAGEMENT – WEB PANEL

Every device has a built-in **WEB PANEL**, which is available through the computer network in the Internet browser. The management through the **WEB PANEL** may be carried out using a computer, a tablet, a smartphone or another device providing the Internet browser.

The advantages of the solution:

- embedded functionality
- clear and tabular preview of the settings (the website)
- possibility of managing many devices from one place through the computer network
- possibility of remote management through the Internet – from every location in the World



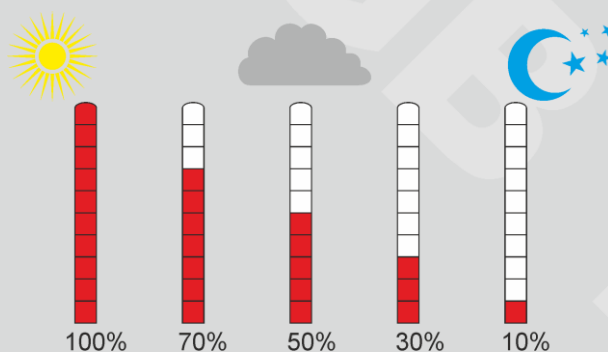
DAYLIGHT SAVING TIME / STANDARD TIME - DST

The clock supports the activation of the automatic time change from the standard time to the daylight saving time and from the daylight saving time to the standard time (DST – Daylight Saving Time). The change is made for Europe, USA, Canada, Australia and Israel.

AUTOMATIC BRIGHTNESS CONTROL - SENSOR

Only the automatic brightness control based on the measurement of ambient light by the sensor ensures real adjustment of the display brightness to the current lightning conditions of the surroundings.

In addition to the automatic brightness control based on the sensor, there is a possibility to manually select and block one of 10 brightness levels.



PRICE LIST

MODEL	CONTROLL	DIGIT HEIGHT	WIDTH	HEIGHT	THICKNES	WEIGHT	POWER CONS.	PRICE (EUR)
ZAS10-L POE	Web browser	100 mm	350 mm	170 mm	44 mm	1,7 kg	3,5W	€ 293
ZBS10-L POE	Web browser	100 mm	486 mm	170 mm	44 mm	2,4 kg	5W	€ 366