

DIGITAL INDOOR CLOCK

DC 20

The DC 20 special digital clock line offers a 19" model for server racks as well as a panel model for use in ships, traffic control centers, power plants, radio and TV stations...



6 STEPS TO YOUR DC 20

To make sure your digital clock meets all your requirements, you can assemble the components individually. Choose from various sizes, colors, and display variants, as well as installation options and additional options. Configure your DC 20 according to your wishes, suitable for rooms and general conditions. Our experts will be happy to help you if you have questions.

1.

Define your display type and digit height

FORMAT

You have the choice. Display type, digit height, and number of digits offer multiple variations. The reading distance varies depending on the color, lighting, viewing angle, etc. The order code is composed as follows:

Digit height	10:08 ²⁵	10:08:25	Reading distance
20 mm (front panel version)	20.6	-	25-30 m
20 mm (rack version)	-	20x.12	30-40 m

2.

Choose your display color

DISPLAY COLOR

The display background is black, offering optimal display contrast with a viewing angle of 160 degrees. The digit color is selectable. The available variants:



3.

Which installation solution works?

INSTALLATION SOLUTION

Pick a fitting installation option.



N.F
Panel mounting



N.R
Rack mounting

4. Which time code do you need?

SYNCHRONIZATION

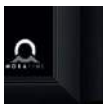
The following types of synchronization are available:

CODE	SYNCHRONIZATION	POWER SUPPLY
STD	Autonomous / MOBALine / (un)polarized 24 VDC pulses	Mains
SI	Like STD, with RS-485 interface	Mains
NTP	NTP	Mains
PoE	NTP	PoE
PoEclass	Like PoE, supports performance class output	PoE

5. Which housing color works?

HOUSING COLOR

The following colors are available:



black
RAL 9005



silver
RAL 9006*

* only for rack version

6. Want additional options?

OPTIONS

On request, the DC 20 can be equipped with the following additional features:

CODE	OPTION
VDC	Power supply via 18–56 VDC
VDC 12V	Power supply via 12–16 VDC
SC	Battery-free RTC backup with supercapacitor for 12h

Do you need accessories?

ACCESSORIES

CODE	ACCESSORY
IR	remote IR controller
AD 650	DCF77 radio signal receiver
GNSS 4500	GNSS receiver including antenna
SK	keyboard for stopwatch control, cable 5m

YOUR DC 20 CLOCK IS COMPLETE

You can now order your DC and calculate the corresponding code. Enter the abbreviation for each component of your choice in the bright field and find your product code. It can be used immediately as an order code.

My DC clock DC.

1. *Format* Code

2. *Display color* Code

3. *Installation solution* Code

4. *Synchronization* Code

5. *Housing color* Code

6. *Option* Code

Example order code

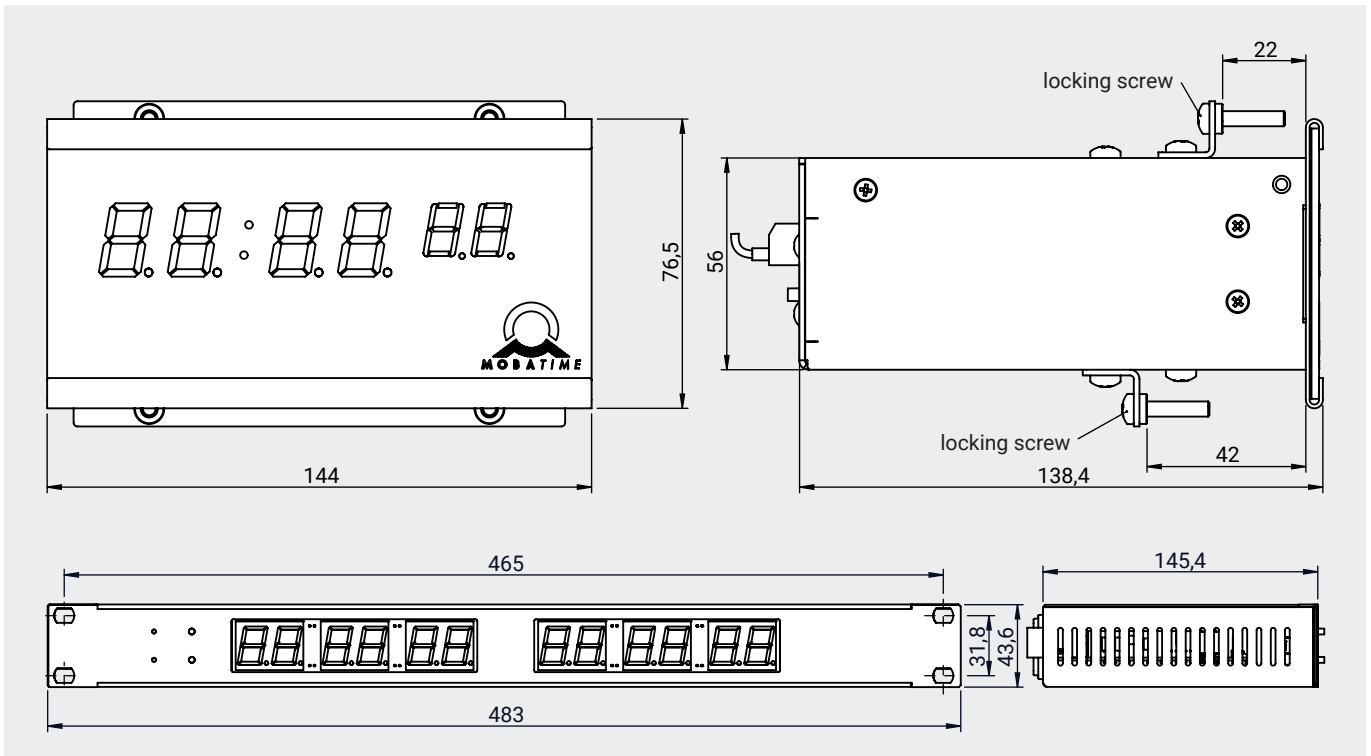


	1.	2.	3.	4.	5.	6.
DC.	20.6	R.	N.FP.	STD.	black.	<input type="checkbox"/>
digit height 20 mm	HH:MM ^{ss}	red display	wall mounting, single-sided	standard version	black housing	no option

TECHNICAL DATA

DC		20.6	20x.12
Digit height (mm)		20/14	20
Display features		Time display in 12-hour or 24-hour format Alternating display of time, date, temperature ¹ (in C° or F°), air pressure ¹ and humidity ¹ Automatic or manual display brightness adjustment Stopwatch (count up to 24 hours, countdown from set value, display of time intervals, freezing of display...) Stopwatch operation via push buttons, IR remote control	
Material		Housing: aluminum Cover glass: anti-reflective plexiglass	
Power supply		Standard: 100 – 240 VAC, 50 – 60 Hz ² VDC (on request): 18 – 56 VDC (18 – 40 VAC) VDC 12V (on request): 12 – 16 VDC PoE version: PoE (IEEE 802.3af class 0) PoEclass version: PoE (IEEE 802.3af class 3)	
Power consumption (VA)	Mains	3	5
	PoE	3	5
Quartz accuracy at 20 °C		±0.1 sec/day without synchronization (after 24 hours of synchronization at constant temperature)	
RTC backup/ quartz-based time maintenance	Mains power supply	from lithium battery: > 2 years (without power supply) / > 15 years (with power supply)	
	PoE power supply	no time maintenance	
Operating conditions		-5 to +55 °C (0 to 95% relative humidity, non-condensing)	
Degree of protection		IP 40	
Standards		2002/96/EC / 2011/65/EU / 2014/30/EU / 2014/35/EU / EN 50121-4 / EN 55022 / EN 55024 / EN 60950-1	
Weight (kg)		1.4	1.8

¹ only with external temperature sensor ² DC.20.6: with external AC/DC adapter



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*Have questions?
We are happy to help.*

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