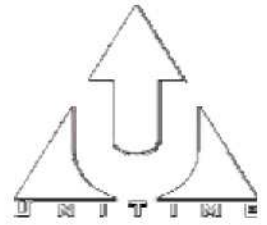

DS/DT DIGITAL CLOCKS



LED DISPLAYED DIGITAL CLOCKS



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DS/DT DIGITAL CLOCKS

• APPEARANCE

Super-bright 7 segment LED displayed, black coated steel outer case, protective front acrylic glass cover.

• UNIQUE ADDRESS IN SYSTEM

Every clock has an unique address in the system, which enables the point-to-point supervision from the master clock or the control PC. Every clock in the system runs independently from each other.



• OFF-LINE OPERATION

The clock receives and is synchronized to the time signal from the master clock in normal operation. When there's lack of complete time signal from the master clock, the secondary clock will switch to its own time reference automatically without any delay. It will switch back to the external time signal when the signal is resumed.

• REAL TIME CLOCK

The real time clock and the backup power inside enabled the clock's continuous running on its own time reference during the power failure (without display), so that it can display the correct real time upon power recovery even without master clock.

• LED COLOR DISPLAYED

R – Red **G** – Green **A** – Amber

• SERIES

DS - Standard secondary digital clock, displaying hour/minute or hour/minute/second, receives and synchronizes to the time signal from the master clock or control PC and supervised by the master clock and the PC

DT - Two operation modes (Standard clock or timer) switchable. In standard mode, it works as a standard DS clock while in timer mode it's used as a timer clock for conference timing, operation timing, and sports timing, etc.

• DISPLAY STYLE



S – Single-faced

D – Double-faced

• TECHNICAL FEATURES

Display Mode	Static display	Working Temp.	0°C ~ 50°C
Control Method	Micro-processor controlled	Working Humidity	0% ~ 95%, no condensing
Point-to-point Control	Enabled	Power supply	220vac/50Hz
Operation	Independent running, synchronized by master clock or PC	Time Keeping during power failure	6 months
Internal Real Time Clock	Enabled	Control Distance	1200m
Off-line Operation	Enabled	Power Consumption	10 ~ 50 w (depends on model)
Display Material	7 segment LED digit	Interface	RS485
Synchronization Error	• •0.1 ms	Mounting	Wall surface mounting / Ceiling suspension mounting

• **SELECTION TABLE**

DS / DT DIGITAL CLOCKS								
MODEL REFERENCE					PARAMETERS			
SERIES	TYPE	DIGIT HEIGHT	FACES	COLOR	LED HEIGHT	READ DISTANCE	SIZE mm	POWER SUPPLY
DS / DT	A	23	S / D	R / G / A	2.3" / 58mm	25 m	300 x 90	220 v / 50 Hz
DS / DT	B	23	S / D	R / G / A	2.3" / 58mm	25 m	420 x 90	220 v / 50 Hz
DS / DT	C	23	S / D	R / G / A	2.3" / 58mm	25 m	350 x 90	220 v / 50 Hz
DS / DT	A	30	S / D	R / G / A	3" / 76mm	35 m	400 x 140	220 v / 50 Hz
DS / DT	B	30	S / D	R / G / A	3" / 76mm	35 m	540 x 140	220 v / 50 Hz
DS / DT	C	30	S / D	R / G / A	3" / 76mm	35 m	480 x 140	220 v / 50 Hz
DS / DT	A	40	S / D	R / G / A	4" / 101mm	50 m	530 x 180	220 v / 50 Hz
DS / DT	B	40	S / D	R / G / A	4" / 101mm	50 m	740 x 180	220 v / 50 Hz
DS / DT	C	40	S / D	R / G / A	4" / 101mm	50 m	620 x 180	220 v / 50 Hz
DS / DT	A	50	S / D	R / G / A	5" / 127mm	65 m	600 x 230	220 v / 50 Hz
DS / DT	B	50	S / D	R / G / A	5" / 127mm	65 m	860 x 230	220 v / 50 Hz
DS / DT	C	50	S / D	R / G / A	5" / 127mm	65 m	720 x 230	220 v / 50 Hz
DS / DT	A	70	S / D	R / G / A	7" / 178mm	85 m	800 x 280	220 v / 50 Hz
DS / DT	B	70	S / D	R / G / A	7" / 178mm	85 m	1200 x 280	220 v / 50 Hz
DS / DT	C	70	S / D	R / G / A	7" / 178mm	85 m	1040 x 280	220 v / 50 Hz
DS / DT	A	80	S / D	R / G / A	8" / 200mm	100 m	900 x 320	220 v / 50 Hz
DS / DT	B	80	S / D	R / G / A	8" / 200mm	100 m	1380 x 320	220 v / 50 Hz
DS / DT	C	80	S / D	R / G / A	8" / 200mm	100 m	1200 x 320	220 v / 50 Hz
DS / DT	A	100	S / D	R / G / A	10" / 250mm	120 m	960 x 400	220 v / 50 Hz
DS / DT	B	100	S / D	R / G / A	10" / 250mm	120 m	1440 x 400	220 v / 50 Hz
DS / DT	C	100	S / D	R / G / A	10" / 250mm	120 m	1240 x 400	220 v / 50 Hz

* Please refer to the previous page for information of TYPE, FACES, and LED COLOR.

• **WIRING**



Cable Type: RVS or UTP5

Cable Diameter: • 0.5mm

Connection Style: Parallel on bus line

Bus Line Length in maximum: 1200 m

• **MOUNTING**

Single-faced clock is to be mounted on the surface wall and the double-sided clock is to be suspension mounted from the ceiling or to the wall.