



Time Zones Display

TZI series

Travel and planning projects across time zones requires knowledge of the time in different time zones. Display of World Time offers the perfect solution for airports, transportation terminals, hotels and businesses that communicate at the international level. Accurate and synchronized timekeeping facilitates the management of people and projects across global zones. The clock can be set to show the city specific to your business or range by clients in hotels and airports. Saves time by eliminating manual calculations.

Time Zone Display

TZI series

GENERAL PROPERTIES

- digits in red, pure green, yellow, blue or white color
- display of time values (either 12 or 24 hours time cycle), four-digit (HH:MM) or six digit (HH:MM^{SS}) format
- manual or automatic adjustment of the luminosity of LED displays high-quality
- customer choice of time zone location and legend style
- number of time zones max. 8
- possibility: configurable location name/character size 45/71 mm
- indoor design, vertical or horizontal layout
- setting the time and the configuration parameters by means of the IR remote unit
- power supply 100 - 240 VAC, 50 / 60 Hz, DC power supply on request
- possibility to connect additional display
- front acrylic plexiglass with dark filter and anti-reflective coating prevents light reflection and improves readability
- slim frame made from anodized aluminum profiles in black or silver colour as standard any other RAL colour on request
- installation depth 39 mm
- wall mounting or customer specific mounting
- IP40, IP 54 on request



Configurable location name (character size 45/71 m) and it can not be used for WTD, WiFi, GPS version and model TZI.C

Model TZI

- character of 57 or 100 mm height for reading distance up to 25 or 40 m respectively
- 7-segment display with wide viewing angle for easy readability



Model TZI.C

- 7-segment LED display, circle of second marks
- digit height 57 or 45 mm for hour, minutes and 38 or 32 for second, readability distance up to 25 or 20 m
- display of seconds can be switched off
- horizontal layout only



Technical data		TZI.57.4	TZI.57.6	TZI.100.4	TZI.C.45	TZI.C.57
Display	digit height	57 mm	57/38 mm	100 mm	45/32 mm	57/38 mm
	number of digits	4	4+2	4	4+2	4+2
	format	HH:MM	HH:MM ^{SS}	HH:MM	HH:MM ^{SS}	HH:MM ^{SS}
Max. number of time zones	vertical	8	8	6	-	-
	horizontal	6	4	3	7	5
Power supply	AC standard	100 - 240 VAC, 50 - 60 Hz				
	DC on request	18 - 56 VDC				
Power consumption	AC or DC power sup.	7 VA	8 VA	8 VA	6 VA	6 VA
Crystal	running reserve (time+date)	6 years				
base	accuracy	±0,3 sec/day (at 20 °C without synchronization)				
Operating conditions	temperature	- 5 to + 55 °C				
	humidity	0 to 95 % humidity non condensing				
	protection degree	IP 40				

Value of weights and dimensions are given with drawings

Accessories: remote IR controller included

Order reference TZI,TZI.C, Time Zones Displays

TZI/TZI.C · □ · □ / □ · □ · □ · □ · □ · □

Digit height

45 mm (only for TZI.C)	45
57 mm (only for TZI, TZI.C)	57
100 mm (only for TZI)	100

Arrangement

number of digits	4 or 6
number of time zones*	2-8*

Display colour

red	R
yellow	A
pure green	PG
blue	B
white	W

Display layout

vertical	V
horizontal	H

Display design

single sided	N
--------------	---

Mounting

wall mounting	N
ceiling suspension (conventionally 5, 10 , 30, 50 cm)	S
other (customer specific mounting)	X

Version

standard version - autonomous / MBL / (un)polarized 24 VDC	STD
standard version with built-in RS 232, RS 485, IRIG-B interface	SI
Ethernet version, synchronized by NTP, 230 VAC powered	NTP
WTD Wireless synchronization, mains powered	WTD
WiFi version, synchronized by NTP	WiFi
integrated GSP receiver with external magnetic antenna	GPS

Options

powered by 24 VDC		VDC
frame colour, on request		RALxxxx
location description fixed - standard		
configurable location name	8 characters	LN8**
character size 45/71 mm, for TZI only	16 characters	LN16**
inserted date row, top row/ left column		DAT***

Accessories

IR remote control unit	IR
------------------------	----

Notices:

* max. number of time zones for each model is given in the table of technical data

** configurable description can not be used for WTD, WiFi, GPS ver. and model TZI.C

*** the displayed date applies to the location on the first row / first left column

Size reference

TZI.57.4/x.C.V.N.N, standard vertical

C (colour)...R, PG, B, A or W

x number of time zones



TZI.57.4/4.R.V.N.N



TZI.57.4/4.R.V.N.N...LN8



TZI.57.4/4.R.V.N.N...LN16

Location name	firm description		LN8		LN16	
w (width)	700 mm		700 mm		900 mm	
model	h (height)	weight [kg]	h [mm]	weight [kg]	h [mm]	weight [kg]
TZI.57.4/2	300	5,5	300	6	300	7,6
TZI.57.4/3	420	7	420	8	420	10
TZI.57.4/4	540	8,5	540	9,5	540	12,5
TZI.57.4/5	660	10,5	660	11,5	660	15
TZI.57.4/6	780	12	780	13,5	780	17,5
TZI.57.4/7	900	14	900	15,5	900	20
TZI.57.4/8	1020	15,5	1020	17,5	1020	22,5

TZI.57.4/x.C.V/H.N.N, standard horizontal

C (colour)...R, PG, B, A or W

x number of time zones



TZI.57.4./6.R.H.N.N

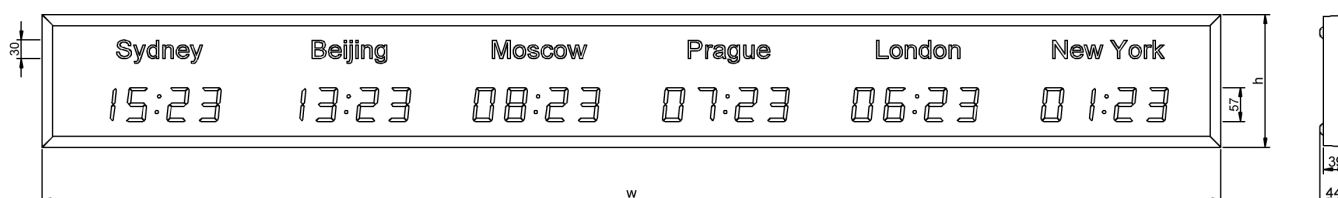


TZI.57.4/4.R.H.N.N...LN8



TZI.57.4/3.R.H.N.N...LN16

Location name	firm description		LN8		LN16	
h (width)	220 mm		220 mm		220 mm	
model	h (height)	weight [kg]	h [mm]	weight [kg]	h [mm]	weight [kg]
TZI.57.4/2	700	4,5	700	5	1020	7
TZI.57.4/3	1010	6	1010	7	1500	9,8
TZI.57.4/4	1330	8	1330	8,5	1980	12,7
TZI.57.4/5	1640	9,5	1640	10,5	-	-
TZI.57.4/6	1960	11	1960	12,5	-	-
TZI.57.4/7	2275	14	2275	15,5	-	-



TZI.57.6/x.C.V.N.N, standard vertical

C (colour)...R, PG, B, A or W

x number of time zones



TZI.57.6/3.R.V.N.N

Location name	firm description		LN8		LN16	
h (width)	220 mm		800 mm		1000 mm	
model	h (height)	weight [kg]	h [mm]	weight [kg]	h [mm]	weight [kg]
TZI.57.6/2	300	6	300	7	300	8,3
TZI.57.6/3	420	8	420	9	420	11
TZI.57.6/4	540	10	540	11	540	13,7
TZI.57.6/5	660	12	660	13,5	660	16,4
TZI.57.6/6	780	14	780	15,5	780	19,1
TZI.57.6/7	900	16	900	17,5	900	21,8
TZI.57.6/8	1020	18	1020	20	1020	24,5

TZI.57.6/x.C.H.N.N, standard horizontal

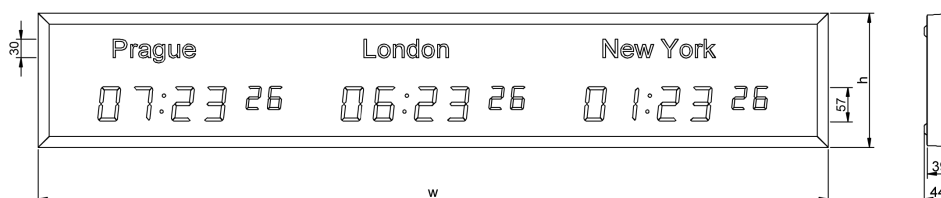
C (colour)...R, PG, B, A or W

C (colour)...R, PG, B, A or W

x number of time zones



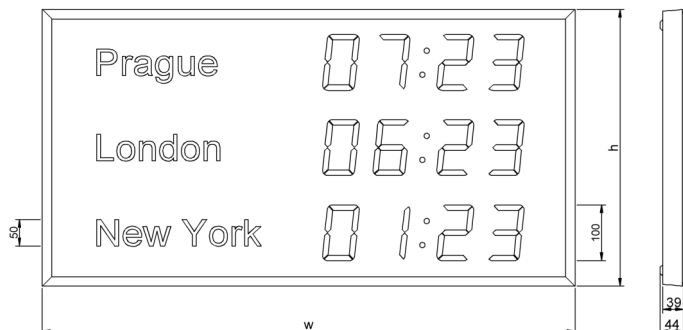
TZI.57.6/3.R.H.N.N



Location name	firm description		LN8		LN16	
h (width)	220 mm		220 mm		220 mm	
model	h (height)	weight [kg]	w [mm]	weight [kg]	w [mm]	weight [kg]
TZI.57.6/2	900	5,5	900	6	1020	7,1
TZI.57.6/3	1300	7,5	1300	8,5	1500	10
TZI.57.6/4	1700	9,5	1700	10,5	1980	13
TZI.57.6/5	2100	12	2100	13	-	-

TZI.100.4/x.C.V.N.N, standard vertical

C (colour)...R, PG, B, A or W
x number of time zones



TZI.100.4/3.R.V.N.N

Location name	firm description		LN8		LN16	
h (width)	220 mm		1000 mm		1350 mm	
model	h (height)	weight [kg]	h [mm]	weight [kg]	h [mm]	weight [kg]
TZI.100.4/2	390	10,1	390	10,9	390	14,3
TZI.100.4/3	550	13,6	550	14,8	550	19,5
TZI.100.4/4	710	17,1	710	18,8	710	24,7
TZI.100.4/5	870	20,6	870	22,7	870	30
TZI.100.4/6	1030	22,5	1030	26,6	1030	35

TZI.100.4/x.C.H.N.N,

standard horizontal

C (colour)...R, PG, B, A or W
x number of time zones



TZI.100.4/3.R.H.N.N



Location name	firm description		LN8		LN16	
h (width)	220 mm		300 mm		300 mm	
model	h (height)	weight [kg]	w [mm]	weight [kg]	w [mm]	weight [kg]
TZI.100.4/2	1200	9,7	1200	10,6	1600	13,8
TZI.100.4/3	1700	13,5	1700	14,6	-	-

Note: Example of a model with configurable location name, see page 4/5

TZI.C.45/x.C.H.N.N standard horizontal

C (colour)...R, PG, B, A or W

x number of time zones



TZI.C.45/5.R.H.N.N

TZI.C.57/x.C.H.N.N, standard horizontal

C (colour)...R, PG, B, A or W

x number of time zones



TZI.C.57/4.R.H.N.N

TZI.C standard horizontal	w (width) [mm]	h (height) [mm]	weight [kg]
TZI.C.45/2	570	400	5,7
TZI.C.45/3	840	400	8
TZI.C.45/4	1110	400	10,3
TZI.C.45/5	1380	400	12,7
TZI.C.45/6	1650	400	15
TZI.57.4/7	1920	400	17,3

TZI.C standard horizontal	w (width) [mm]	h (height) [mm]	weight [kg]
TZI.C.57/2	700	450	7
TZI.C.57/3	1040	450	10
TZI.C.57/4	1380	450	13,2
TZI.C.57/5	1720	450	16,3