

Wbox_72 terminals

The Wbox type terminals are used for reading contactless cards and their construction makes them best for attendance applications. Ergonomically positioned controls together with a backlit screen allow the staff easy and well-arranged attendance registration. When it comes to running they can be autonomous or ON Line controlled with the ability to switch OFF Line in case communication problems appear. They are equipped with a MCS-51 microcomputer. These terminals offer a wide range of options not only for registration itself, but for employee awareness as well.



Versions of WBox_72K terminal

WIST0102.XX

.01	WBox_72 PROXY	Contactless reader 125kHz
.02	WBox_72 MIFARE	Contactless reader Mifare 13,56MHz
.03	WBox_72 MOTOROLA	Contactless reader Motorola
.04	WBox_72 LEGIC	Contactless reader Legic 13,56MHz

Functional options

Reading range with internal antenna	From 5 cm – depending on ID card type
Reading card check	Acoustic and optical
Allowed cards chart capacity	5445 records, RAM 128 kB backed up by accumulator
Time zones	31 time zones defined as a set of 1-32 time intervals, days of validity according to the weekday or work calendar
Chart of passages capacity	6556 records, 128 kB RAM backed up by accumulator
Time of passage	Day, month, year, hour, minute, second
Interruption codes	4 groups (arrival or departure, arrival, departure, system reports, each can contain 16384 different interruption codes)
System errors	passage without opening the door, unproper door closing, opening the door by the key
ON Line control of the unit from PC	Door unlocking, unit passage blocking
Automatical door unlock	8 time intervals of unlocked door (validity of the interval according to weekday or calendar, hour and minute of the beginning and end of interval)
Informative user messages	7 messages 40 characters long

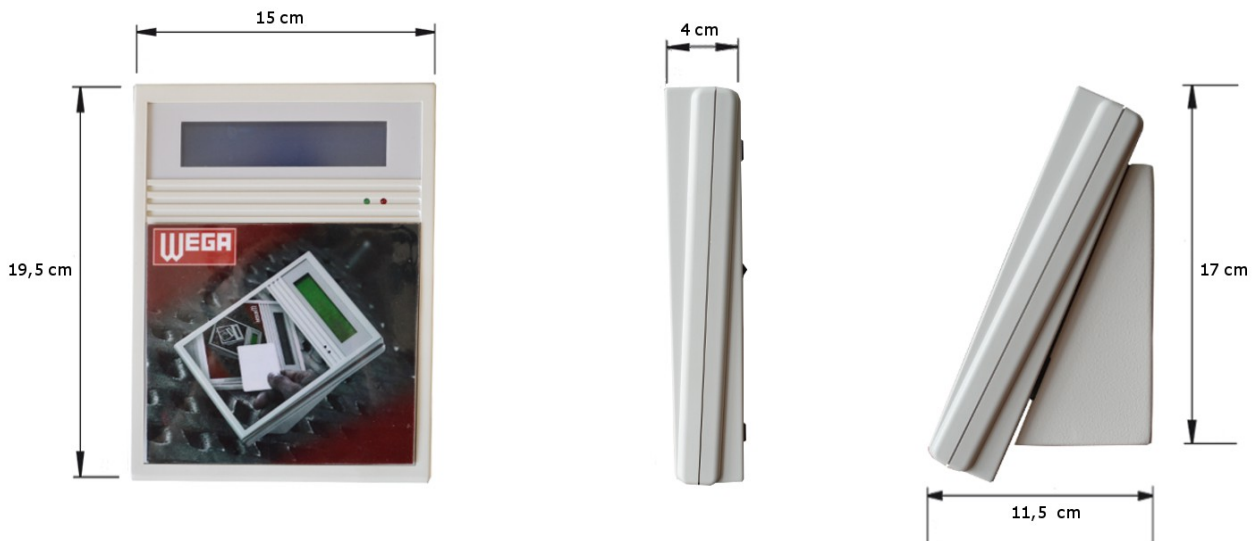
*optional



Technical parameters	
Dimensions	150 mm x 195 mm x 40 mm
Weight	400 g
Voltage/Power supply	9-36V DC
Max. consumption	200 mA
Data memory	SRAM 128 kB backed up by internal battery
Galvanic separation	Only bus RS 485
Communication interface	RS 485
Signalization	2x LED, 1x Buzzer
Number of all or nothing relays	2
Type of contacts	Choice between NO or NC
Max. switching power	50 W
Max. switching current	1 A DC
Inputs	2 isolated inputs, door opening sensor, door locking sensor
Number of readers	1 or 2
Interface of readers connected	I2C, WIEGAND, RS 232
Display	Yes, 2 x 16 characters
Range of working temperatures	0, +50 °C
IP coverage	IP 41

Dimensions





Description of connectors



Connector	Meaning
RELE 2.1	Contact relay 2
RELE 2.2	Contact relay 2
RELE 1.1	Contact relay 1
RELE 1.2	Contact relay 2
Uvst +	Positive pole of power supply voltage
Uvst -	Negative pole of power supply voltage
RS -	RS 485 Bus - RS-
RS +	RS 785 Bus - RS+

