

Reader unit WBox_77Dd

The Wbox_78 terminals are designed to be a multiapplication terminal for WIS identification and attendance system. They are used for reading contactless cards of various RFID technologies, and afterwards recording them into their internal memory. Ergonomically positioned controls together with a touchscreen 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 powerful control unit. Thanks to a big touchscreen the navigation of the terminal is simple and intuitive. Contains switch components, it can be installed into tourniquets. Installation way is given by the size of the frame. The terminals are supplied by POE technology.



Versions of the Wbox_77Dd unit

		<i>WIST010I.XX</i>
.01	WBox_77Dd_Proxy	Contactless reader head 125kHz
0.2	WBox_77Dd_Mifare	Contactless reader head 13,56MHz,
0.3	WBox_77Dd_Kombi	Dual reader head 13,56MHz + 125kHz

Functional options:

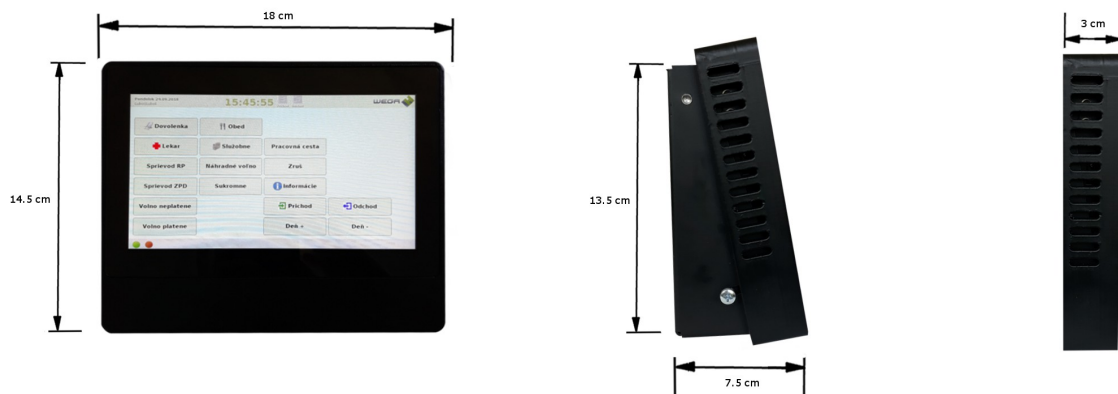
Supplied RFID standards	125 KHz – ISO 4102 MIRO 13,56MHz - ISO/IEC 14443-4 Typ A - MIFARE DESFire EV2)
Reading range with internal antenna	From 5 cm – depending on ID card type and used RFID technology
Configuration	From subordinate communication SW
Communication mode	Online, data transferred immediately after creating
Keyboard	Virtual touchscreen, SW configurable, at least 12 buttons, vertical/horizontal mode
Interruption codes	4 groups (arrival or departure, arrival, departure, system reports, each can contain 16384 different interruption codes
Interruptions list	Can be configured from communication SW WIS
Passage without giving a reason, automatic arrival/departure switching	Option of processing way – save/don't save the passage, open/close the door, set passage code, 8 switching times (hour, minute), Arrival/Departure mode
Marking of long term interruptions	Ability to mark an interruption forward /backward in range of 31 days
Allowed cards table capacity	At least 100 000 records
Table of passages capacity	At least 100 000 records in Offline mode

Time zones	Ability to define up to 31 independent time zones for access control
Time of passage	Day, month, year, hour, minute, second
Accepting/Declining a read ID card	Visual and sound
Data displaying	Information data display about placed ID card
Terminal capacity	At least 1500 placements of ID cards with output unblocking

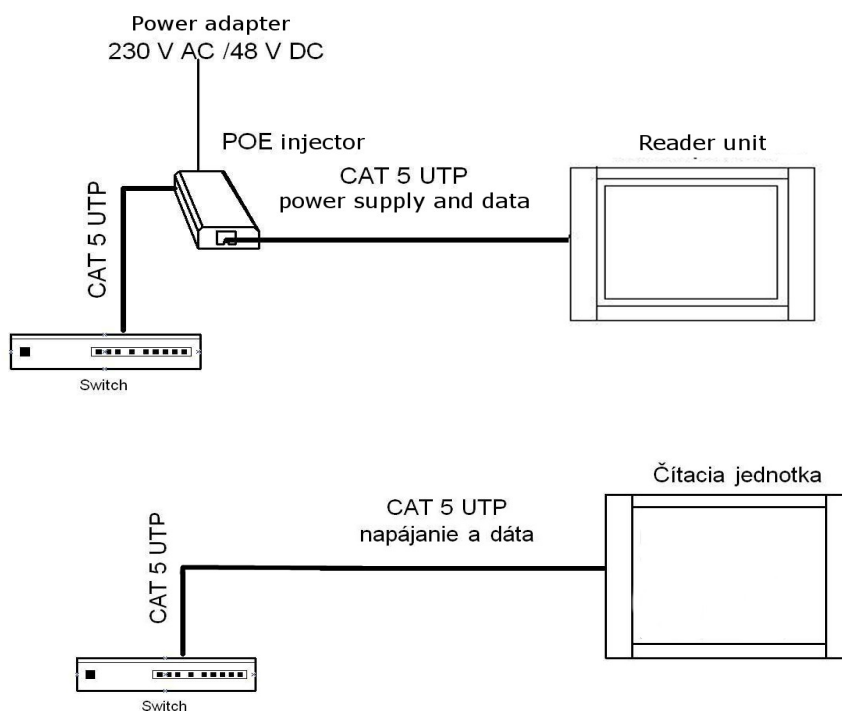
Technical parameters

Color	black, plastic cover from durable material
Dimensions (W x H x W)	180 mm x 145 mm x 30 mm
Weight	1 kg
Voltage/Power supply	POE
Max. consumption	1 A
Communication interface	100 Mb ETHERNET
Display	unbreakable, waterproof
Touchscreen	yes, capacity
Number of switch relays	2
Max. switch current	1 A
Number of reader heads	2
Interface of connected reader heads	Asynchronous serial RS485
Display	1024x600
Range of working temperatures	0-50 °C
IP coverage	IP 40

Dimensions



Scheme of connecting the POE feed



Technical parameters for POE feed

Type of feed	Active POE
Power supply of POE injector	48V DC
Max. consumption	1 A
Signalization	LED
Length of network segment	Max. 100 m
Supported standards	IEE 802.3, IEE 802.3u. CSMA/CD, TCP/IP