

# VIMATY 70ZR



**V7TOP**  
desktop cradle

## PRODUCT REFERENCES

VIMATY 70ZR (remote only)  
VIMATY 70ZR/ZA (remote + ZigAccess)  
ZIGACCESS/ST  
ZIGACCESS/EIB  
ZIGACCESS/LAN



application software



**ZigAccess**

## ZigAccess ZigBee access point

**ZigAccess** ZigBee radio access point to **MBC bus** (RS485) use to link every **MBC** products in wireless mode, **VIMATY-TACTUM** touch panels and **MBC controllers**.

## ZIGBEE WIRELESS

**VIMATY 70ZR** is a radio wireless, infrared 7" 16/9 LCD color touch panel with a high quality display. 6 buttons provide an easy access to recurrent functions.

**VIMATY 70ZR** communicates with **MBC controllers** by radio cellular ZigBee standard. Radio cellular **bidirectional** communication allows through ZigBee access point repeater to free itself from the communication distances (20m in standard, 1 km with repeaters).

**VIMATY 70ZR** communicates with the **MBC controllers** through **ZigAccess/ST**.

**VIMATY 70ZR** can also be used a standard infrared remote control, infrared codes learning is directly done with **VIMATY 70ZR**.

It can be used handheld or on its (optional) cradle like a desktop remote control.

**VIMATY 70ZR** has a great functioning lifetime, up to 3 days, thanks to its lithium-ion battery.

**Zig Access/ST** communicates with **MBC controller** by **MBC bus**.

With **ZigAccess/EIB** it's possible to control EIB electric devices.

With **ZigAccess/LAN** it's possible to control devices through Ethernet.

## SPECIAL FEATURES

**Instant Boot:** **VIMATY** boot and wakeup time are less than one second.

**Compact flash:** Once the **VIMATY**'s application is done, you transfer it from a PC onto a compact flash.

**Infrared learner:** **VIMATY** has an integrated infrared learner to makes codes learning easier.

**Luminosity sensor:** The sensor adapts the screen brightness according to the ambient light.

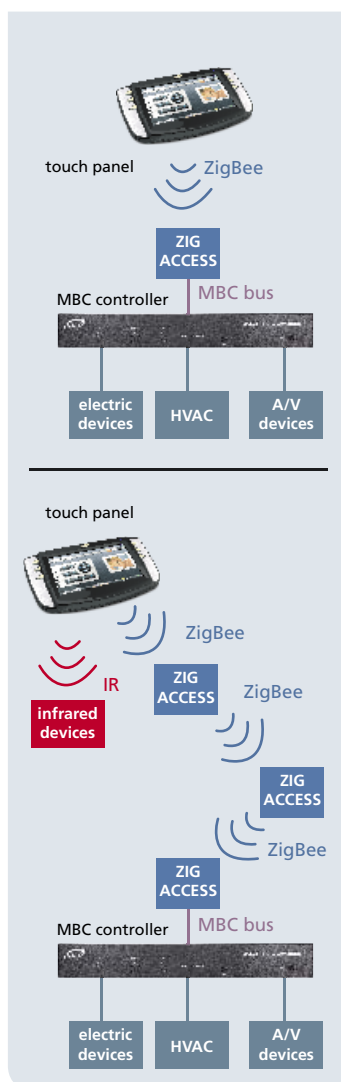
**Radio access point:** **Zig Access** can be used like an access point or a repeater to increase the communication range between **VIMATY 70ZR** and the **MBC controller**.

**Infrared:** Infrared and radio mode work simultaneously.

**Battery lifetime:** Up to 4 hours in usual user mode and up to 3 days in sleep mode.

**Battery charging:** (by external power unit) **VIMATY 70ZR** can be used and charged with or without cradle.

## SPECIFICATIONS



Screen	7" (17.78 cm) 16/9 TFT color active matrix
Touch face plate	Resistive
Number of colors	65M - 16bits
Resolution	800 x 480
Viewing angles	100° vertical 100° horizontal
Tilt angle	30°
Luminosity sensor	high - medium - low
Infrared receiver	with learning led
Number of infrared codes stored	up to 127
Management of date & hour	by perpetual calendar
Communication	ZigBee radio 2.4GHz, up to 20m (more than 1000m with several access point) Infrared: approx. 10m
Case	polycarbonate
Colors	shiny black and silver
Temperature	from 0°C to 50°C

### SOFTWARE

Application software	PC2MATY
Storage	Compact Flash (CF)

### BATTERY - POWER SUPPLY AND CONSUMPTION

Battery	8 Volts - 2A
Consumption	from 240 to 900 mA - 40 mA in sleeping mode
Power supply / charger	12 Volts - 4A

### DIMENSIONS & WEIGHT

Dimensions - W x H x D	240 x 140 x 55 mm
Weight with battery	706 g

**Delivery with:** 2A battery, ref: **V7BT2** - external power unit - user's manual

### OPTION

Desktop cradle	<b>V7TOP</b>
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### ZIG ACCESS/ST

MBC bus	Communication speed : 115 200 bps Length: 8 bits Parity: none Stop bit: 1 Connector: 3 pins detachable phoenix block Address sets by radio
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**ZIG ACCESS/EIB** 1 output connector of 2 wires

**ZIG ACCESS/LAN** 1 RJ45 for LAN

Power supply 12VDC - 1 connectors of 2 wires (all versions)