

Healthcare Communications



Nurse Call Systems

Air Basic System Technical Data

ZKR Air Basic

Dot Matrix Nurse Panel



Dotmatrix Nurse Control Panel

- Displays 4 calls
- Other calls are held in order and brought to the screen in order of priority
- Adjustable 5 digits shows the room and bed number
- Color of the Leds indicates the type of the each call

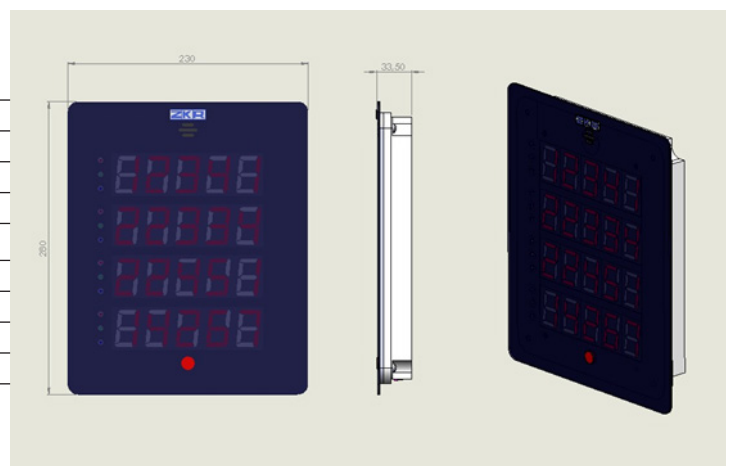
Red – Normal Call

Green – Nurse in the room

Blue – Emergency

- 433 MHz working frequency
- Programmable by integrated serial port output by a computer
- Reporting by integrated serial port output over a computer
- Programmable manually
- Supports up to 64 beds
- Audible alert in different tones according to call type
- Mute mode
- 5V DC power

Weight	0.4 kg
Length	230 mm
Height	280 mm
Width	33,5 mm
Power Supply	5 V DC
Power	2,5 W
Working Temperature	-20 , + 60
Frequency	433 Mhz
Working Distance	Up to 30 Mt



ZKR Air Basic

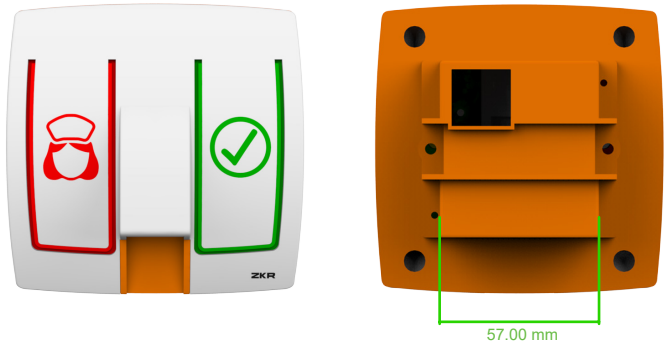
Bed Set Unit

Bed Set Unit

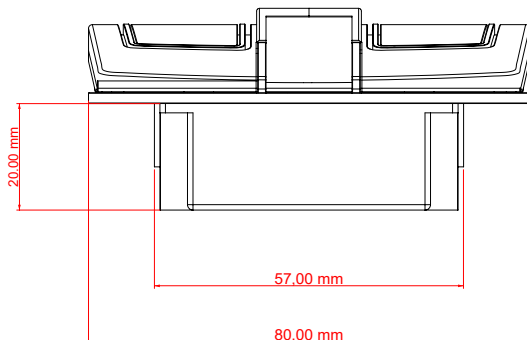
Bed Set Unit is used in the patient rooms. In an emergency, a patient uses the call button to make an emergency call which appears as a signal on the nurse console.

There are call and cancel buttons on the unit which are backlit and modern. Console is mounted on the patient headboard. Bed Set unit is connected to the headboard unit via RJ45 socket.

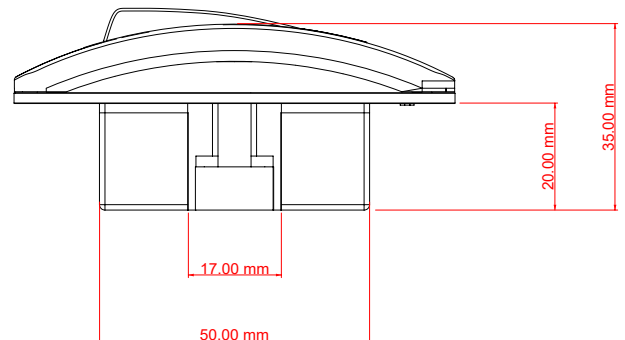
- This product is also a tool unit for the hand set unit to be connected.
- Can be flush mounted. Ergonomic.
- RJ45 socket provides easy installation.
- High quality ABS raw materials.
- Call and Reset buttons are lighted with leds so they are easy to notice.



Front View



Side View



Technical specification

ZKRUNCWRAIRWL001

Weight (g)	60 gr.
Width (mm)	80 mm.
Depth (mm)	35 mm.
Height (mm)	80 mm.
Mounting dimensions	W-55mm D-20mm H-55mm
Processor	Microchip
Power supply	12V Battery
Operating temperature / Humidity	-10°C +60°C / % 30 %80 RH
Material	PC-ABS-FR (Flame Retardant)
Buzzer speaker	2400Hz 65 dB
Output connection	1-RJ45
Battery Life	1 Year
Low Battery Alert	Yes
Color	White
Wireless Range	100 m
Back Light	Yes
Wireless Frequency	433 Mhz, 868 Mhz, 2,4 Ghz

ZKR Air Basic

Patient Handset

Patient Handset

Patient hand unit allows the patient inform the staff immediately.

- Easy to use.
- Unit works through connection to head set unit.
- Easy to notice with leds on the unit.
- Leds also show the last made call so the patient's condition can be seen on the hand unit like the other warning unit. Light buttons help to control room lighting and reading lamp.



Technical specification

ZKRUNCWRAIRHS001

Weight (g)	115 gr.
Width (mm)	20 mm.
Depth (mm)	50 mm.
Height (mm)	140 mm.
Operating temperature / Humidity	-10°C +60°C / % 30 %80 RH
Cable Lengh	1.5 Meter Spiral Cable
Material	PC-ABS-FR (Flame Retardant)
Back Light	Yes
Check number of connections	1-RS 485
Color	White

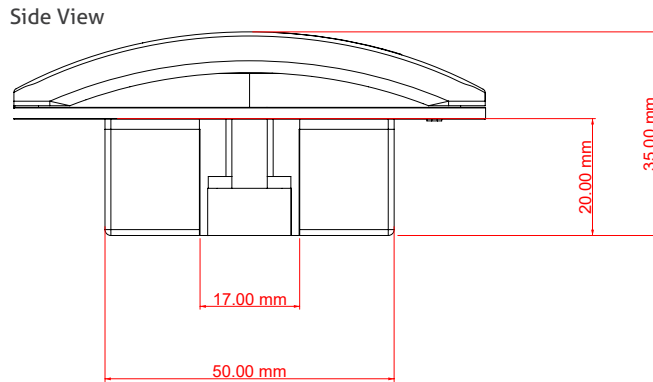
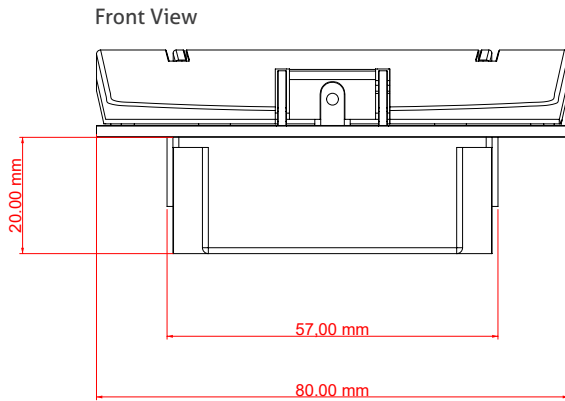
ZKR Air Basic

WC Call Unit

WC Call Unit

Wc Call Unit is used in the bathrooms of patient rooms. In an emergency, patient pulls the rope making an emergency call. Appears as a WC Emergency call on nurse console.

System gives priority to WC Emergency calls and appears before other calls. There is a call reset button and emergency call rope on the unit. It's backlit and modern.



Technical specification

ZKRUNCWRAIRHS001

Weight (g)	60 gr.
Width (mm)	80 mm.
Depth (mm)	33 mm.
Height (mm)	80 mm.
Rope Durability	Max 30kg
Operating temperature / Humidity	-10°C +60°C / % 30 %80 RH
Material	PC-ABS-FR (Flame Retardant)
Buzzer speaker	2400Hz 65 dB
Color	White
Communication	RS 485
Power Supply	12V Battery
Battery Life	1 Year
Low Battery Alert	Yes
Wireless Range	100 m
Wireless Frequency	433 Mhz, 868 Mhz, 2,4 Ghz

ZKR Air Basic

Overdoor Corridor Lamp

Overdoor Corridor Lamp

Overdoor Corridor Lamp is located above room door in the corridor. Half-sphere shape makes it easy to notice. So if there is an emergency in the room it can be noticed easily. It warns with three different colors. Red, green and blue.

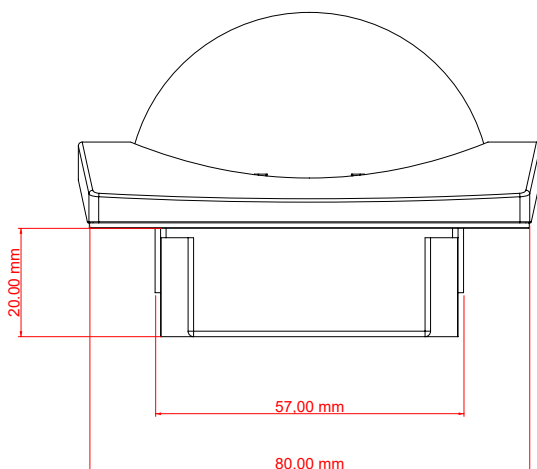
The color depends on the call. Flush mounted above doors. If unsuitable can be mounted with surface mounted box.

ZKR Air Overhead Door Warning Lamp

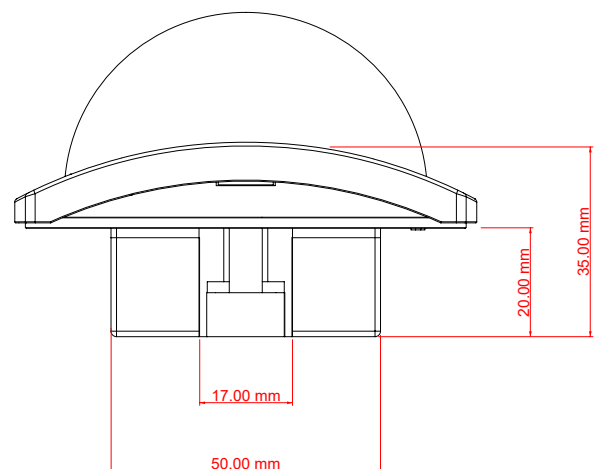
- Maintenance-technical support free plug and play architecture.
 - High level performance with its built-in antenna.
 - 3 different main colors (blue, green, red)
- Ability to achieve different warning colors by mixing primary colors,
 - Very low energy consumption and environment friendly thanks to its LED design.



Front View



Side View



Technical specification

ZKRUNCWRAIRLMP01

Weight (g)	59 gr.
Width (mm)	80 mm.
Depth (mm)	33 mm.
Height (mm)	80 mm.
Lighting Type	Led
Operating temperature / Humidity	-10°C +60°C / % 30 %80 RH
Current W	0.8
Material	PC-ABS-FR (Flame Retardant)
Power Supply	100 V - 200V
Colors	Blue, Red, Yellow
Wireless Range	100 m
Current W	12
Wireless Frequency	433 Mhz, 868 Mhz, 2,4 Ghz

ZKR Air Basic

Signal Repeater

Signal Repeater

It is used with the purpose of expanding the coverage area if the distance between the patient call units and the nurse panel is excessive. There is no restriction on the number of repeaters to be used in the environment. Requires external 5V Supply.



Teknik Özellikler

Weight (g)	75 gr.
Width (mm)	80 mm.
Depth (mm)	50 mm.
Height (mm)	40 mm.
Working Temperature Limit / Humidity	-20°C +60°C / % 30 %80 RH
Output / Link Properties	1-RJ45
Input / Link Features	1-RJ45
Color	Black