

Wireless remote control receiver (model:
11333743)

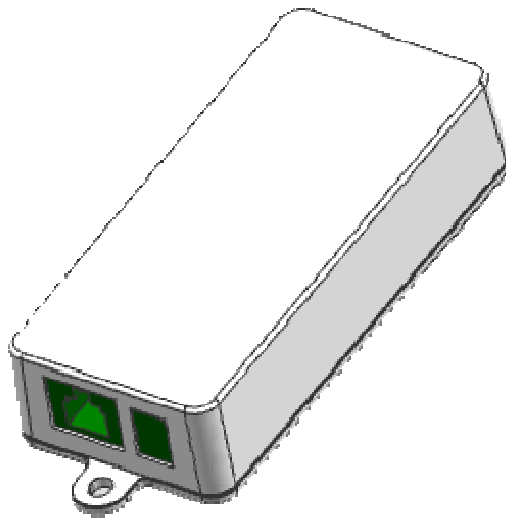
Product description and technical manual

1 product use description

The wireless remote control receiver is used in SIEMENS medical equipment CT machine. The Bluetooth wireless remote control system consists of a wireless remote control (including the shell, all function buttons, batteries and wireless transmitters) and a wireless remote control receiver (the wireless receiver is located in the system and connected to the system board).

The corresponding button value is sent to the receiver through the wireless remote control (model: 11333741). The wireless remote control receiver (model: 11333743) returns the corresponding feedback signal to the remote control to control the corresponding light. It is used to control the movement of the patient station, to start and stop scanning the X rays and the control lights.

1.1 appearance:



1.1 electrical specifications

1.2 electrical parameters

Serial number	technical parameter	specification value
1	Voltage	$24\text{VDC} \pm 10\%$
2	Electric current	200mA
3	Power waste	$< 40\text{mW}$
4	modulation mode	GFSK
5	Data rate	1Mbps
6	Channel interval	2MHz
7	Antenna gain	5.3dBi
8	Equivalent omnidirectional radiation power	Antenna gain $< 10\text{dBi}$: $\leq 100\text{mW}$ or $\leq 20\text{dBm}$; Antenna gain $\geq 10\text{dBi}$: $\leq 500\text{mW}$ or $\leq 27\text{dBm}$;
9	Maximum power spectral density	Direct sequence spread spectrum (DSSS) or other working methods: Antenna gain $< 10\text{dBi}$: $\leq 10\text{dBm/MHz}$ (EIRP); Antenna gain $\geq 10\text{dBi}$: $\leq 17\text{dBm/MHz}$ (EIRP). The mode of FM work: Antenna gain $< 10\text{dBi}$: $\leq 20\text{dBm/100kHz}$ (EIRP); Antenna gain $\geq 10\text{dBi}$: $\leq 27\text{dBm/100kHz}$ (EIRP).
10	frequency range	$\leq -80\text{dBm/Hz}$ ($f_L \geq 2.4\text{GHz}$; $f_H \leq 2.4835\text{GHz}$)
11	Occupancy bandwidth	---
12	Carrier frequency tolerance	$\leq 20 \times 10^{-6}$
13	Stray emission	$\leq -36\text{dBm/100kHz}$ (30–1000MHz); $\leq -33\text{dBm/100kHz}$ (2.4–2.4835GHz); $\leq -40\text{dBm/1MHz}$ (3.4–3.53GHz); $\leq -40\text{dBm/1MHz}$ (5.725–5.85GHz); $\leq -30\text{dBm/1MHz}$ (其它 1–12.75GHz);

1.3 electrical interface

Pin#	Definition	describe
1	CAN_H	Bus H
2	CAN_L	Bus L
3	GND	Place of communication
4	NC	empty
5	NC	empty
6	NC	empty
7	GND	Power supply
8	24V	power supply
Shield		Shielding layer



FCC Statement:

This device complies with part 15 of the FCC Rules. Operation is subject to the following

two conditions: (1) This device may not cause harmful interference, and (2) this device

must accept any interference received, including interference that may cause undesired

operation.

This equipment has been tested and found to comply with the limits for a Class B digital

device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the

user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications not expressly approved by the party responsible

for compliance could void the user's authority to operate the equipment.