G200

SERIES

INDUSTRIAL
RADIO REMOTE CONTROL

Affordable

Tough

Safe

E2B-8
Transmitter

E2B
Receiver

E2B
Transmitter

E2M-8
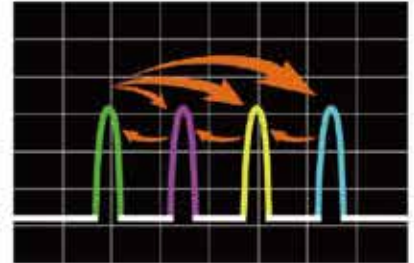Transmitter

E2M
Transmitter

E2S
Transmitter

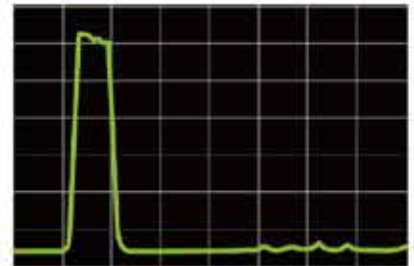GAIARK

GAIARK

Affordable
Tough
Safe

Auto Frequency Selection

- Chooses top grade RF IC with sophisticated design. It provides great performance on radio channel selectivity.
- Real time frequency changing technology which provides the best operating experience and free from interference.
- No channel changing required when multiple radio controllers are used at the same time.

Radio Frequency Filtering

- A sophisticated Surface Acoustic Wave (SAW) filter blocks unwanted radio signal to ensure smooth radio link.
- It creates a secure and reliable operation experience even in a complicated industrial working environment.

Reliable Communication

- G200 series, a smart radio controller made by high technology.
- 100% frequency quality inspection on all radio controllers prior to delivery and ensure frequency tolerance within 0.000001%.
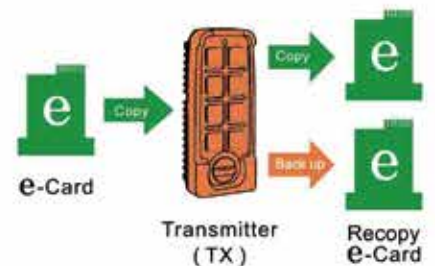
e-Card (Plug and Play)

- e-Card works similar to SIM card in the mobile phone.
- All system data are carried on a small e-Card for easy transfer to a spare system when needed.
- e-Card is interchangeable between transmitter & receiver. It allows spare transmitter or receiver to resume to work without any downtime.

Transmitter (TX)　　　　Receiver (RX)

e-Card Duplicator

- The transmitter also acts as e-Card duplicator for data back-up and transfer.
- No need to buying COPIER anymore.

e-Card

Copy

Transmitter (TX)

Copy

Back up

e-Card

Recopy e-Card

Budget & Environmental Saving

- Transmitter with extremely low battery power consumption.
- All G200 series transmitters use two AA size batteries. (Carbon Zinc, Alkaline, Ni-MH, Ni-Cd are all acceptable)
  You can also select operating range:
- It saves and extends battery life.
- It allows more radio controllers running in a same area.

Security Enhanced & Anti-Spy

- Transmitter with its powerful processor, it generates SRC (Security Random Code) radio signal with random coding to prevent spy copying.
- By integrating hamming coding and CRC (Cyclic Redundancy Check) technology, it provides accuracy in radio data transmission.
- An unique Non-Repeated security code (ID code), it prevents the error output and improves the operating safety.

Heavy Duty

- Pushbutton key acts as important role for industrial remote controller. G200 uses a super heavy-duty pushbutton against all severe conditions.

FREE Powerful Software Program

- A free software derived from millions of worldwide user's experiences.
- Total solution for industrial remote controllers (Available for most of applications).
- Capable of reprogramming numbers of parameters, such as operational function, emission power, and receiver off time, etc.
- PC USB interface cable is an optional item.

GAIARK

G200 Series

E2S Transmitter

Dimension (mm):
135 x 55 x 40

Weight (g):
Apprx. 155 g
(including batteries)

E2B Transmitter

Dimension (mm):
165 x 75 x 45

Weight (g):
Apprx. 295 g
(including batteries)

E2M Transmitter

Dimension (mm):
165 x 50 x 50

Weight (g):
Apprx. 200 g
(including batteries)

E2B-8 Transmitter

Dimension (mm):
165 x 75 x 45

Weight (g):
Apprx. 305 g
(including batteries)

E2M-8 Transmitter

Dimension (mm):
160 x 50 x 50

Weight (g):
Apprx. 210 g
(including batteries)

E2B Receiver

Dimension (mm):
200 x 85 x 60

Weight (g):
Apprx. 785 g
(including cable)

Power:
(1) 24 / 36 / 48 / 110 / 220 / 380VAC ±20%
(Single Option)

(2) 12-24VDC

E2B-8 Receiver
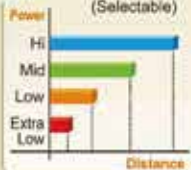
Dimension (mm):
200 x 85 x 60

Weight (g):
Apprx. 805 g
(including cable)

Power:
(1) 24 / 36 / 48 / 110 / 220 / 380VAC ±20%
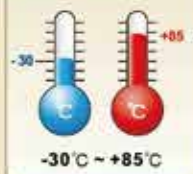(Single Option)

(2) 12-24VDC

Power : Two AA size batteries. (Carbon Zinc, Alkaline, Ni-MH, Ni-Cd are all acceptable)

Note: For example E2S-TX + E2B-RX = G200-E2S(complete set)
For example E2M-8-TX + E2B-8-RX = G200-E2M-8(complete set)

Operating Range:
Apprx. 20~100 Meters.
(Selectable)

Power
Hi
Mid
Low
Extra Low
Distance

Operating Temp.:
+85
-30
-30℃ ~ +85℃

ID Code:
4.3 Billion Sets
4 2 9 4 9 6 7 2 9 6
An unique Non-Repeated   32 Bit

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