

# EZ BON Series

## Industrial Radio Remote Control Systems

### 4 MODELS

EZB16	(7) single speed pushbuttons
EZB64	(4) single speed pushbuttons
EZB68	(8) single speed pushbuttons
EZB612	(12) single speed pushbuttons



### SPECIFICATIONS

#### EZ Bon series- Transmitter

Frequency Range	: 433 MHz
Transmitting Range	: 100 meters (open areas)
Hamming Distance	: 6
Channel Spacing	: 25KHZ
Frequency Control	: TCXO + PLL
Frequency Drift	: < 5ppm @-10°C ~ +75°C
Frequency Deviation	: < 1ppm @ 25°C
Spurious Emission	: < -50dB
Transmitting Power	: 0.1mW – 10mW
Emission	: FID
Antenna Impedance	: 50 ohms
Enclosure Rating	: IP-65
Source Voltage	: EZB16: 4.5V ("AA" alkaline batteries x 3) Others: 3.0V ("AA" alkaline batteries x 2)
Current Drain	: 10~18mA
Operating Temperature	: -10°C ~ +70°C(+10°C)
Transmitting Power Consumption	: < 30mA @ 3.5V (Various from encoding mode and transmitting power)
Operating Time	: > consecutive 120hrs @batteries full
LV Voltage	: 2.2V – 2.0V
<u>Dimension</u>	
EZB16	: 272mm x 63mm x 47mm
EZB64	: 140mm x 68mm x 30mm
EZB68	: 189mm x 68mm x 30mm
EZB612	: 235mm x 68mm x 30mm
<u>Weight</u>	
EZB16	: 430g (include batteries)
EZB64	: 240g (include batteries)
EZB68	: 300g (include batteries)
EZB612	: 350g (include batteries)

#### EZ Bon series - Receiver

Frequency Band	: 433 MHz
Channel Spacing	: 25KHz
Hamming Distance	: 6
Frequency Control	: Synthesizer (PLL)
Frequency Drift	: < 5ppm @-10°C ~ +70°C
Frequency Deviation	: < 1ppm @ 25°C
Sensitivity	: < -115dBm
Antenna Impedance	: 50 ohms
Responding Time	: 40ms (Normal)
Enclosure Rating	: IP-65
Source Voltage	: EZB16/EZB64/EZB68: DC11-24V, AC48, AC100V-440V @50/60Hz EZB612: AC25-50V, AC110-240V, AC380-460V @50/60Hz
Power Consumption	: 11VA
Operating Temperature	: -10°C ~ +70°C
Spurious Emission	: - 50dB
Output Contact Rating	: 250V @ 10A
<u>Dimension</u>	
EZB16	: 310mm x 134mm x 72mm
EZB64	: 310mm x 134mm x 72mm
EZB68	: 310mm x 134mm x 72mm
EZB612	: 300mm x 230mm x 86mm
<u>Weight</u>	
EZB64	: 1,625g (include output cable)
EZB16/68	: 2,000g (include output cable)
EZB612	: 3,400g (include output cable)

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