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SKYMEE AI-B20 plus 5G

SKYMEE 12L Smart Automatic Dog Feeder User Manual

Model: AI-B20 plus 5G

1. INTRODUCTION

Thank you for choosing the SKYMEE 12L Smart Automatic Dog Feeder with Camera. This device is designed to provide convenient and reliable feeding for your pets, featuring a 1080P Full HD camera, two-way audio, and smart scheduling capabilities. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your new feeder.



Figure 1: SKYMEE 12L Smart Automatic Dog Feeder Overview

2. PACKAGE CONTENTS

Please check the package to ensure all items are present:

- SKYMEE 12L Smart Automatic Dog Feeder Unit
- Food Bowl
- Power Adapter (USB cable)
- User Manual
- Desiccant Pack (pre-installed or separate)

3. SETUP GUIDE

3.1 App Installation and Account Creation

1. Download the 'Skymee' app from your smartphone's app store (iOS or Android).
2. Register for a new account or log in if you already have one.

3.2 Device Connection (Bluetooth & WiFi)

The SKYMEE feeder supports both 2.4G and 5G WiFi for stable connection.

1. Ensure your smartphone's Bluetooth is turned on.
2. Open the Skymee app and select 'Add Device'. The app will automatically search for nearby devices via Bluetooth.
3. Select your feeder from the discovered devices.
4. Enter your WiFi network password to configure the device. Ensure your WiFi signal is strong in the feeder's location.

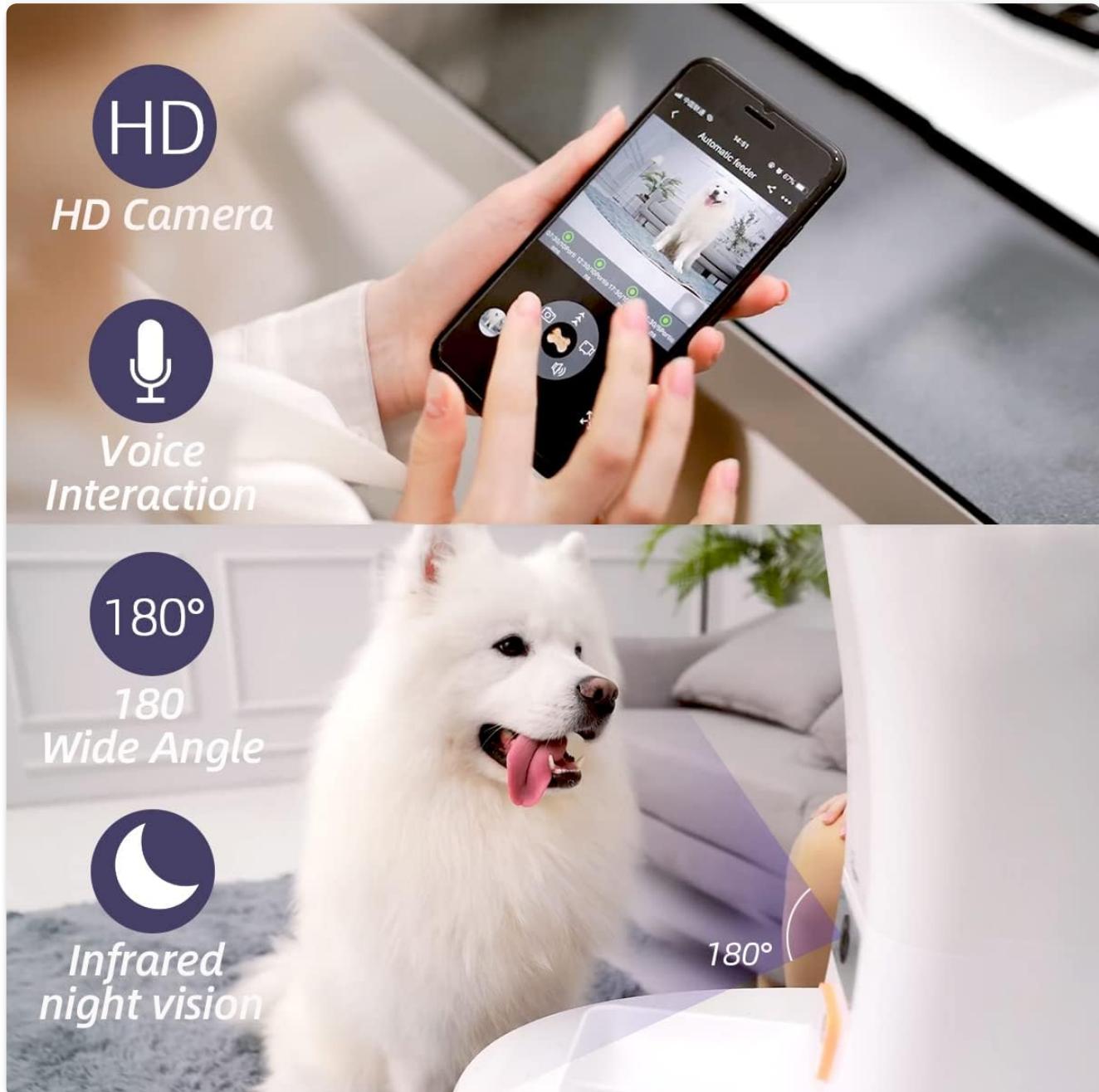


Figure 2: App Interface and Device Connection

3.3 Physical Assembly and Power

1. Place the feeder on a flat, stable surface.
2. Attach the food bowl to the designated slot at the bottom front of the feeder.
3. Open the top lid and fill the food bin with dry pet food. The 12L capacity can hold approximately 25 lbs of food. Ensure the food size is between 5mm-17mm.
4. Close the lid securely. The feeder features an automatic screen door design and a sealing mechanism to prevent moisture and pests.

5. Connect the power adapter to the feeder and plug it into a wall outlet.
6. For power outage protection, install 3 D-size batteries (not included) in the battery compartment at the bottom of the feeder.



Figure 3: Sealing Grain Bin Exit

10.23in/26cm



Remote feeding interaction



1080P HD Video
And Night Vision



Two-way audio



Motion monitoring
Notification alerts



5 GHz WiFi
2.4 GHz WiFi

12L

Large capacity: 12 liter/25 lb
Suitable 5mm-17mm treats

130°

130° wide-angle camera



Figure 4: Visual Snack Bucket and Desiccant Lid

Visual snack bucket

Snack bucket with a transparent window design in the middle, how much snacks left, at a glance, no need to open the lid to see.



Lid with desiccant

Top lid with desiccant storage box to ensure that the snacks of the feeder remain fresh.

Battery Backup

Set up a feeding schedule in advance, the bottom is loaded with batteries, even if it is a power outage is not afraid, the battery will be activated after an accidental power failure power supply, according to the set feeding schedule as it is.



Figure 5: Battery Backup Compartment

4. OPERATING INSTRUCTIONS

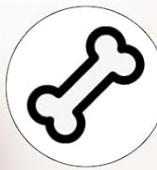
4.1 Feeding Management

- **Timed and Customized Feeding:** Use the Skymee app to set up multiple feeding schedules throughout the day. You can customize portion sizes (1-30 portions) for each feeding.
- **Remote Control Feeding:** Dispense food instantly at any time using the app, even when you are away from home.

Timed feeding



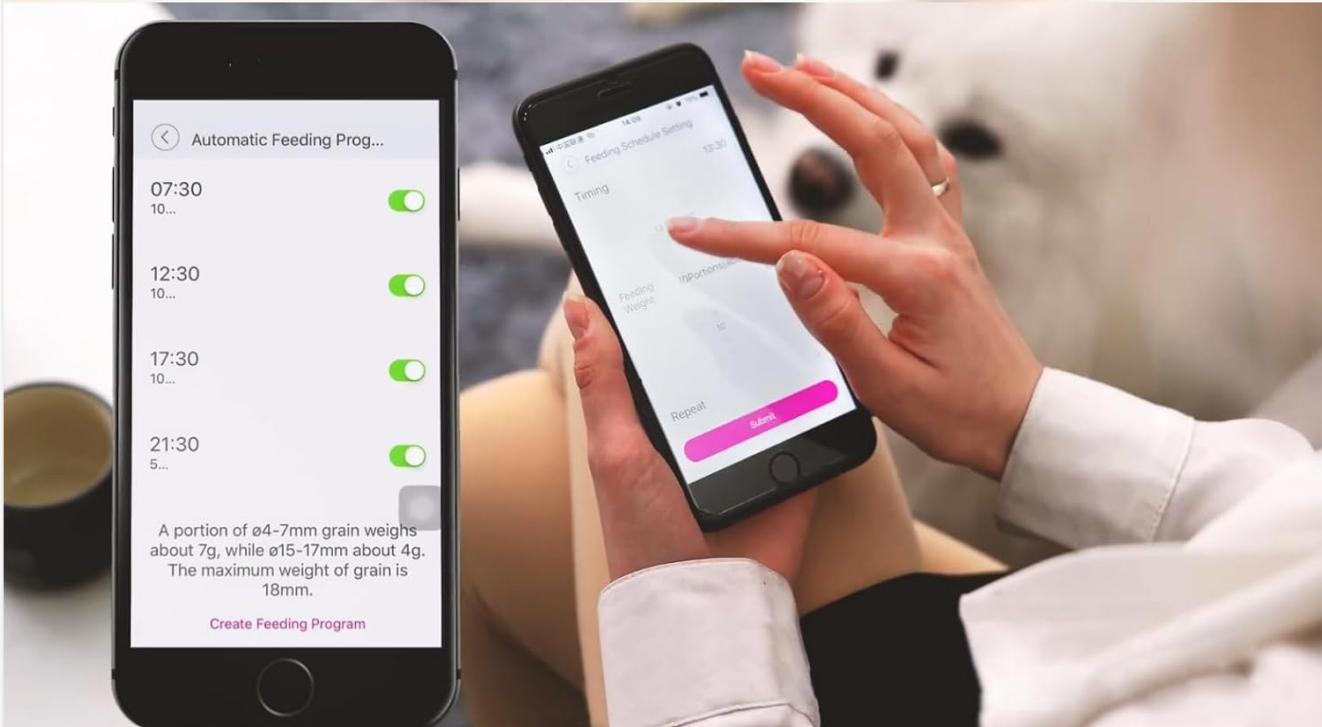
Multi-plan feeding



Snack size
5-17mm



Supports
1-30 portion



**Supports device sharing
for up to 8 users**

Figure 6: Timed Feeding Schedule Setup

4.2 Camera & Monitoring

- 1080P Full HD Camera:** View your pet in high definition through the app. The camera offers a 130-degree wide-angle view.
- Night Vision:** Equipped with infrared lights, the camera automatically switches to night vision mode in low light conditions, allowing clear monitoring day and night.
- Motion Monitoring:** Receive alerts on your phone when motion is detected near the feeder. You can capture snapshots and record videos directly from the app.

Version Comparison

SKYMEE	
Other	
Only 2.4GWIFI	
Only support 2.4GWIFI, which does not conform to the mainstream router WiFi frequency on the market	Support 2.4GWIFI and 5GWIFI, higher wireless transmission speed more stable connection
Small capacity	
The capacity of 4L/6L feeder on the market is relatively small, and vacation travel is not satisfied with feeding requirements.	12L large container Can arrange more feeding plans
One -way voice	
Can't communicate with pets, cannot slow down pet anxiety	Two-Way chatting Double -line voice contact pets anytime, anywhere
No night vision	
No night vision camera, you can't monitor pets at night	Night vision camera High -definition photography with Night vision function

Figure 7: Key Features Comparison

4.3 Two-Way Audio & Voice Messages

- High-Quality Bi-directional Microphone:** Speak to your pet remotely through the app.
- Customized Voice Messages:** Record personalized voice messages that play at feeding times to call your pet to eat.

4.4 Device Sharing

The Skymee app allows you to share access to your feeder with up to 8 family members or friends. They can view the camera feed, control feeding, and interact with your pet.

5. MAINTENANCE

5.1 Cleaning the Feeder

The food bowl and grain bin should be cleaned regularly to ensure hygiene. The food bowl is detachable for easy

cleaning.

- **Food Bowl:** Hand wash the food bowl with mild soap and water. Rinse thoroughly and dry completely before reattaching.
- **Grain Bin:** The grain bin can be dismantled for thorough cleaning. Refer to Figure 8 for dismantling instructions. Hand wash only.
- **Main Unit:** Wipe the exterior of the main unit with a damp cloth. Do not immerse the main unit in water.

Product Information

Grain bin dismantling method



Figure 8: Grain Bin Dismantling Method

5.2 Desiccant Replacement

The feeder includes a desiccant pack in the lid to keep food fresh. Replace the desiccant pack periodically (e.g., every 1-2 months) to maintain effectiveness.

5.3 Battery Management

If using battery backup, check the battery level periodically. Replace D-size batteries when low to ensure continuous operation during power outages.

6. TROUBLESHOOTING

6.1 Connectivity Issues

- **Feeder not connecting to WiFi:** Ensure your WiFi password is correct. Check if the feeder is within range of your router. The feeder supports both 2.4G and 5G WiFi. Try restarting your router and the feeder.
- **App not finding device:** Make sure Bluetooth is enabled on your phone and the feeder is powered on. Try restarting the app.

6.2 Food Dispensing Problems

- **Food not dispensing:** Check if the food bin is empty. Ensure the food size is appropriate (5mm-17mm) and not causing blockages. Clean the dispensing mechanism if crumbs or debris are accumulating.
- **"No Food" notification despite food being present:** This can sometimes occur due to sensor issues or food settling. Gently shake the feeder or manually dispense a small portion to reset. Ensure the food level is above the sensor.

6.3 Power Interruption

- **Feeder offline during power outage:** If batteries are installed, the feeder will continue scheduled feedings. Remote access (camera, two-way audio) may be limited to conserve battery power.
- **Feeder not turning on:** Check the power adapter connection. If using batteries, ensure they are correctly installed and have sufficient charge.

7. SPECIFICATIONS

Feature	Detail
Model Name	AI-B20 plus 5G
Capacity	12 Liters (approx. 25 lbs dry food)
Dimensions (LxWxH)	10.63 x 10.63 x 11.42 inches
Item Weight	6.3 Pounds (2.86 Kilograms)
Camera Resolution	1080P Full HD
Camera Angle	130-degree wide-angle
Connectivity	2.4G & 5G WiFi
Audio	Two-way audio, customizable voice messages
Power Source	External USB cable, 3 x D-size batteries (backup, not included)
Food Type	Dry pet food (5mm-17mm snack size)
Care Instructions	Hand Wash Only (removable parts)
Target Species	Dog (suitable for all breed sizes)

8. WARRANTY & SUPPORT

SKYMEE offers a **3-year warranty** for this product, along with lifetime technical support and a 30-day money-back

guarantee. For any questions, concerns, or technical assistance, please contact SKYMEE customer support through the contact information provided with your purchase or on the official SKYMEE website.

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Related Documents - AI-B20 plus 5G

	<p><u>Skymee Smart Feeder AI AI-B20 User Manual</u></p> <p>User manual for the Skymee Smart Feeder AI AI-B20, detailing material list, component descriptions, assembly instructions, troubleshooting, and app download information.</p>
	<p><u>Skymee Smart Feeder AI AI-B20 User Manual</u></p> <p>User manual for the Skymee Smart Feeder AI (Model AI-B20), detailing its features, assembly, operation, troubleshooting, and app installation. Includes FCC compliance information.</p>
	<p><u>Skymee Petalk AI II User Manual</u></p> <p>This document provides a comprehensive user manual for the Skymee Petalk AI II, covering setup, operation, troubleshooting, and safety information. It details the product's components, status indicator lights, wireless charging capabilities, and app download and installation procedures.</p>
	<p><u>Skymee Owl Robot AI-C20 User Manual</u></p> <p>User manual for the Skymee Owl Robot AI-C20, providing instructions on setup, operation, and troubleshooting.</p>
	<p><u>Skymee MK-MT24 User Manual and FCC Statement</u></p> <p>This document provides the user manual and FCC statement for the Skymee MK-MT24 device, detailing its operation, compliance, and features.</p>

Skymee Smart Feeder AI (Model AI-B20) Radio Test Report

This Radio Test Report details the RF compliance testing for the Skymee Smart Feeder AI (Model AI-B20) by Shenzhen Toby Technology Co., Ltd., covering FCC Part 15 Subpart C standards.