

Go Bird Go™ **4G/5G LTE (MODELS)**

Smart Bird Feeder Series

Product Specifications — 2025 Edition

Product Snapshot

The Go Bird Go™ **4G/5G LTE Smart Feeder Series** delivers high-definition birdwatching and AI-powered recognition anywhere cell service reaches — powered by the **Tris Home App**. Designed for eco-friendly performance with **solar-assist charging**, these feeders connect directly to the **nationwide cellular network** through a **multi-network IoT nano-SIM** — no Wi-Fi required.

Perfect for remote areas, rural properties, and birders who want connectivity beyond the range of home routers.

Physical Specifications

Model: TV-XM-Q20-LTE-5MP (**Bird Seed Feeder**)

Model: TV-XM-Q41-LTE-5MP (**Hummingbird Feeder**)

Dimensions (Q20): 280 × 225 × 225 mm (≈ 11.0 × 8.9 × 8.9 in)

Dimensions (Q41): 245 × 160 × 158 mm (≈ 9.6 × 6.3 × 6.2 in)

Weight: 1.05 – 1.75 kg (2.3 – 3.8 lbs) depending on model

Materials: ABS + polycarbonate body with UV-stabilized acrylic reservoir

Colors: Blue White (standard series finish)

Weatherproof Rating: IP66 certified — built for all seasons

Power & Connectivity

Connection: 4G/5G LTE multi-network IoT nano-SIM (no Wi-Fi required)

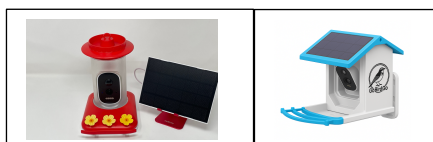
Antenna: High-gain external antenna for enhanced signal strength

Battery: Built-in 4000 mAh rechargeable lithium battery (2 × 18650 cells)

Charging: Solar panel assist + USB-C backup port (DC 5 V 1 A)

Standby Time: Approx. 3 – 6 months per charge depending on activity

Operating Range: −10 °C to +55 °C (14 °F to 131 °F)





Camera & Sensor Technology

Resolution: 5 MP (2880 × 1616 pixels) 2.5 K HD clarity

Lens / Field of View: 160° ultra-wide angle

Night Vision: 4 × infrared LEDs (≈ 6 m range)

Detection: PIR motion sensor with instant push alerts

Audio: Two-way communication (mic + speaker)

Deterrent Function: Built-in alert sound to discourage squirrels or intruders



AI & Software Integration

App Control: Tris Home App (iOS | Android)

Cloud Storage: Optional secure cloud clip backup

Local Storage: Supports MicroSD / TF card (8 – 128 GB)

Smart Detection: Bird ID database > 11 000 species (300+ hummingbirds)

Alerts & Sharing: Instant push notifications with bird photo + one-tap share to text or social media

Updates: Automatic OTA software upgrades via cellular connection



Setup & User Experience

Quick Setup Mode: Insert SIM + QR-code activation within seconds

Remote View: Access live video feed from anywhere with cell coverage

Device Sharing: Allow family or friends to co-view through the app

Mounting: Bracket + strap installation — no tools required

Signal Indicator: App shows battery and LTE signal strength

Maintenance: Simple refill and wipe-clean design



Included in the Box



TV-XM-Q20-LTE-5MP (Bird Seed Feeder)

- Bird feeder housing with HD camera
- Solar panel (top mount)
- High-gain antenna (pre-installed)



- Strap & bracket mounting kit
- Screw kit and anchors
- USB-C charging cable
- Instruction manual

🌸 TV-XM-Q41-LTE-5MP (Hummingbird Feeder)

- Hummingbird feeder housing with HD camera
- Nectar jar and cover
- Solar panel (top mount)
- High-gain antenna (pre-installed)
- Strap & bracket mounting kit
- Screw kit and anchors
- Instruction manual

☀️ Key Differentiators

- **LTE Freedom:** Connects directly to nationwide cellular networks — no Wi-Fi required.
- **HD Vision + Night Mode:** Capture every detail day or night.
- **AI Powered Recognition:** Instantly identifies birds with live notifications.
- **Eco Smart Design:** Solar assist panel extends battery life and reduces charging frequency.
- **Two-Way Audio:** Listen in or speak through the feeder.
- **IP66 Durability:** Kansas-tested for real outdoor conditions.
- **Seamless App Integration:** Tris Home App brings smart control and sharing to any device.

🇺🇸 Designed & Assembled in Kansas, USA

Go Bird Go™ — Where Technology Meets Nature

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