Canon EOS R6 Mark II – Synthetic Wireless Product Profile

🔍 Overview

Model Name: Canon EOS R6 Mark II
Camera Type: Mirrorless Full-Frame
Mount: RF Mount
Release Year: 2022
Wireless Capabilities: Dual-Band Wi-Fi (2.4GHz & 5GHz), Bluetooth 5.0
Target Audience: Professionals, enthusiasts, hybrid shooters

📡 Wireless Features

Feature	Description
Dual-Band Wi-Fi	Faster and more stable connection, supports 2.4GHz & 5GHz
Bluetooth 5.0	For constant smartphone pairing and GPS metadata sync
Cloud Sync	Auto-upload to image.canon with cloud relay
FTP/SFTP/FTPS Upload	Supports remote studio workflows or tethered environments
Remote Control	Full camera control with live view from Canon Camera Connect
Smartphone App	Canon Camera Connect (iOS/Android)
Webcam (UVC/UAC)	Plug-and-play webcam via USB-C
Wireless Video Transfer	Proxy transfer over Wi-Fi to smartphones
Wireless Tethering	Supported via EOS Utility over network
Multiple Device Profiles	Save multiple wireless setups and access point configs

---

💡 Typical Use Cases

- On-location tethering for studio shoots
- Remote wildlife photography with GPS tagging
- Automatic cloud backup of daily footage
- Live streaming and webcam use via USB-C

- Press or event photography with FTP delivery

⚠️ Known Limitations

- No NFC
- No RAW transfer over Bluetooth (Wi-Fi only)
- FTP setup requires some networking knowledge
- Webcam mode disables other functions while active
- Cannot transfer to 2 devices simultaneously

📱 Compatible Mobile App Features

Function	Supported
Image Browsing	Yes
Remote Shutter Release	Yes
Live View (Remote Shooting)	Yes
Change Camera Settings	Yes
GPS Tagging via Bluetooth	Yes
RAW/CRAW Transfer	Yes

🛠️ Suggested Setup Steps

1. Enable **Wi-Fi/Bluetooth** in camera network settings
2. Pair via **Bluetooth or QR Code** using Canon Camera Connect
3. Enable auto-transfer or remote control as needed
4. Configure **image.canon** or FTP for cloud workflows
5. Use USB-C cable for webcam or wired tethering