

# Canon EOS R6 Mark III – Synthetic Wireless Product Profile

## 1 Overview

**Model Name:** Canon EOS R6 Mark III

**Alternate Name:** Canon EOS 3000R (in select markets)

**Camera Type:** Mirrorless

**Release Year:** 2025

**Wireless Capabilities:** Wi-Fi (2.4GHz and 5GHz), Bluetooth 5.2, NFC

**Target Audience:** Enthusiast photographers, hybrid shooters, sports and wildlife enthusiasts

## 2 Wireless Features

Feature	Description
Wi-Fi	Dual-band (2.4GHz/5GHz) connectivity for fast transfers, cloud uploads, and remote operation
Bluetooth	Bluetooth 5.2 Low Energy for constant connection, auto-transfer, and GPS data import
NFC	Quick pairing with compatible devices for instant setup
Smartphone App	Canon Camera Connect (iOS & Android), with enhanced EOS Utility integration
Remote Shooting	Full Live View, shutter, AF control, and video recording via app or computer
Image Sharing	Seamless transfer of JPEG, RAW, and HEIF files to devices or Canon image.canon cloud
Peer-to-Peer Transfer	Direct sharing between compatible Canon cameras via Wi-Fi ad-hoc mode
Wireless Printing	Compatible with PictBridge Wi-Fi printers and Canon SELPHY app
Livestreaming Support	UVC/UAC webcam mode, app-based streaming to platforms like YouTube
Supported Transfer Files	JPEG, RAW, HEIF, MP4 videos (up to 4K)
Connection Memory	Up to 10 saved profiles for devices and networks

## 3 Typical Use Cases

- Real-time photo and video transfer during events or shoots
- Instant social media uploads from remote locations
- Wireless printing for on-site proofs or portfolios
- Cloud backups to Canon image.canon for secure storage
- Remote wildlife photography with app control from a distance

## 4 Known Limitations

- No built-in FTP server for professional workflows
- Simultaneous multi-device control not supported
- Bluetooth GPS tagging requires phone app to be active
- Wi-Fi range limited in crowded or interference-heavy environments
- Higher battery consumption during prolonged wireless sessions
- No native support for 8K video wireless transfer

## 5 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 App	Yes
RAW Transfer	Yes

## 6 Suggested Setup Steps

1. Access the wireless menu and enable Wi-Fi/Bluetooth/NFC
2. Set a unique camera nickname for identification
3. Download and open Canon Camera Connect on your mobile device
4. Pair using NFC tap, Bluetooth scan, or Wi-Fi QR code
5. Configure auto-transfer or remote modes as needed for shooting or sharing