



VIVAX
METROTECH

vCam Wi-Fi Adapter

Technical Specification V1.0



vCam Mobile Controller App

Worldwide Locations

World Headquarters, United States of America

Vivax-Metrotech Corporation

3251 Olcott Street, Santa Clara, CA 95054, USA

T/Free : 1-800-446-3392

Tel : +1-408-734-3880

Fax : +1-408-904-4964

Website : www.vivax-metrotech.comEmail : SalesUSA@vxmt.com

Central/South America and the Caribbean

Ventas para América Latina

3251 Olcott Street, Santa Clara, CA 95054, USA

T/Free : 1-800-446-3392

Tel : +1-408-734-3880

Fax : +1-408-743-5597

Website : www.vivax-metrotech.comEmail : LatinSales@vxmt.com

Canada

Vivax Canada, Inc.

41 Courtland Ave Unit 8, Vaughan, ON L4K 3T3, Canada

Tel : +1-289-846-3010

Fax : +1-905-752-0214

Website : www.vivax-metrotech.caEmail : SalesCA@vxmt.com

United Kingdom

Vivax-Metrotech Ltd.

Unit 1, B/C Polden Business Centre, Bristol Road, Bridgwater, Somerset, TA6 4AW, UK

Tel : +44(0)1793 822679

Website : www.vivax-metrotech.co.ukEmail : SalesUK@vxmt.com

France

Vivax-Metrotech SAS

Technoparc - 1 allée du Moulin Berger, 69130 Ecully, France

Tel : +33(0)4 72 53 03 03

Fax : +33(0)4 72 53 03 13

Website : www.vivax-metrotech.frEmail : SalesFR@vxmt.com

Germany

Metrotech Vertriebs GmbHAm steinernen Kreuz 10a
D-96110 Schesslitz

Tel : +49 954 277 227 43

Website : www.vivax-metrotech.deEmail : SalesEU@vxmt.com

China

Vivax-Metrotech (Shanghai) Ltd.Building 10, Lane 1158 Zhongxin Rd.,
Songjiang District, Shanghai, China, 201615

Tel : +86-21-5109-9980

Fax : +86-21-2281-9562

Website : www.vivax-metrotech.comEmail : SalesCN@vxmt.com.cn

A. Typical Applications

Component	Specification
Purpose	The vCam Wi-Fi Adapter (WFA) is used with most Vivax-Metrotech reels equipped with an HD camera head to stream video from the reel to the vCam Mobile Controller (VMC) app. When connected to the VMC App, the app controls all the functions of the reel, including the camera lights, distance counter reset, sonde, text writer and audio commenting.
System Components	• Wi-Fi Adapter Box With a reel connection cable and mounting bracket. • Tablet or Smartphone (not supplied) Running the vCam Mobile Controller app

What's in the box

					
vCam WiFi Adapter	Accessory bag	Ball mount	Reel mounting bracket with screws	Multi-plug AC charger	USB-C charging cable
					
Reel interconnect cable, Type-MX	Reel interconnect cable, Type-CP	Interconnect cable mounting clips x 3	Velcro ties x 2	User manual	Quick setup and connect guide

B. vCam Wi-Fi Adapter

Component	Specification
Model Name	vCam Wi-Fi Adapter (vCam WFA)
Model Number	VX114-3
Dimensions	Wi-Fi Adapter: 4.5"(L) x 2.6"(W) x 5.4"(H) (115mm(L) x 66mm(W) x 137mm(H)) Wi-Fi Adapter with ball mount: 4.5"(L) x 2.6"(W) x 6.8"(H) (115mm(L) x 66mm(W) x 173mm(H))
Weight	Wi-Fi Adapter: 1.5lbs. (0.66kg) Wi-Fi Adapter with ball mount: 1.52lbs. (0.69kg)
Environmental	IP67
Display	N/A, per the smartphone or tablet running the vCam Mobile Controller app
Power	USB-C 65W AC Adapter powers and charges the battery

Internal Batteries	- An Internal Lithium-ion rechargeable battery (supplied with a USB-C Power Adapter) - A 3-hour charge will supply 6 hours of intermittent use
Battery Indicators	- A membrane LED label shows the battery status in four segments - The power label glows green when powered on - The VMC App also shows the unit's battery status
File Format	MP4 Video and JPEG image capture
Resolution	1080p 30FPS - Selectable 720p or 480p in the app settings
Storage	- USB-A Port - Supports up to 128 GB Removable USB Drives - VMC App – Record directly to the smartphone or tablet - Copy files to the WFA or tablets' USB port
Wi-Fi	200' / 60m Wi-Fi range
Sonde	512Hz, 640Hz or 33kHz selectable in the app setup menu
Temperature Range	- Storage: -4°F to 158°F (-20°C to +70°C) - Operating: 14°F to 122°F (-10°C to +50°C)
Operating System	The firmware updates are pushed through the VMC app
Options and Accessories	Camera test lead

C. Shipping Weights and Dimensions (Shipping dimensions and weights are approximate)

Model	Dimensions and Weights
vCam Wi-Fi Adapter	Wi-Fi Adapter: 141.7"(L) x 96.5"(W) x 49.2"(H) (360mm(L) x 245mm(W) x 125mm(H)) Wi-Fi Adapter with ball mount: 5.1lbs. (2.3kg)

D. Warranty

Item	Parameter
Warranty	- One year - Extended warranty available

E. Disclaimers

Vivax-Metrotech Corporation will continue to update and improve its products. The information in these specifications is subject to change, obsolescence, or superseding. Please check with your local sales representative or Vivax-Metrotech Corporation for the latest updates.

Dimensions and weight conversions are approximate (metric data is the most accurate). Shipping dimensions and weight are approximate.

Product and accessory specifications and availability information are subject to change without prior notice.

*The distance count provided is designed to provide an estimate. Care should always be taken when locating the camera head using a sonde or pipe-and-cable locator.