



**VIVAX**  
**METROTECH**

# vCam Wi-Fi Adapter

Technical Specification V1.0



vCam Mobile Controller App



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## A. Typical Applications

Component	Specification
<b>Purpose</b>	<p>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.</p> <p>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.</p>
<b>System Components</b>	<ul style="list-style-type: none"> <li>• <b>Wi-Fi Adapter Box</b> With a reel connection cable and mounting bracket.</li> <li>• <b>Tablet or Smartphone</b> (not supplied) Running the vCam Mobile Controller app</li> </ul>

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

<b>Internal Batteries</b>	<ul style="list-style-type: none"> <li>An Internal Lithium-ion rechargeable battery (supplied with a USB-C Power Adapter)</li> <li>A 3-hour charge will supply 6 hours of intermittent use</li> </ul>
<b>Battery Indicators</b>	<ul style="list-style-type: none"> <li>A membrane LED label shows the battery status in four segments</li> <li>The power label glows green when powered on</li> <li>The VMC App also shows the unit's battery status</li> </ul>
<b>File Format</b>	MP4 Video and JPEG image capture
<b>Resolution</b>	<ul style="list-style-type: none"> <li>1080p 30FPS</li> <li>Selectable 720p or 480p in the app settings</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>USB-A Port - Supports up to 128 GB Removable USB Drives</li> <li>VMC App – Record directly to the smartphone or tablet</li> <li>Copy files to the WFA or tablets' USB port</li> </ul>
<b>Wi-Fi</b>	200' / 60m Wi-Fi range
<b>Sonde</b>	512Hz, 640Hz or 33kHz selectable in the app setup menu
<b>Temperature Range</b>	<ul style="list-style-type: none"> <li>Storage: -4°F to 158°F (-20°C to +70°C)</li> <li>Operating: 14°F to 122°F (-10°C to +50°C)</li> </ul>
<b>Operating System</b>	The firmware updates are pushed through the VMC app
<b>Options and Accessories</b>	Camera test lead

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

Model	Dimensions and Weights
<b>vCam Wi-Fi Adapter</b>	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
<b>Warranty</b>	<ul style="list-style-type: none"> <li>One year</li> <li>Extended warranty available</li> </ul>

## 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.