

### Global – ORiNOCO®



	CLIENTS		ACCESS POINTS		
<b>Product</b>	ORiNOCO® 11a/b/g ComboCard ORiNOCO 11a/b/g PCI Adapter	ORiNOCO 11b/g PC Card	ORiNOCO AP-700	ORiNOCO AP-4000	ORiNOCO AP-4000MR (-LR) ORiNOCO AP-4900MR-LR
<b>Description</b>	The ultimate in flexibility for connecting to any Wi-Fi® network: a, b or g	Wi-Fi PC card for 54 Mbps data rate; support for 802.11b	Entry-level enterprise-class AP with QoS, user-selectable a/b/g modes and high security	Dual-radio enterprise-class AP with QoS, user-selectable a/b/g modes and high security	High-capacity, multiple-use outdoor Wi-Fi mesh system
<b>Applications</b>	<ul style="list-style-type: none"> <li>Add 802.11a/b/g functionality to a laptop (ComboCard) or desktop (PCI)</li> <li>Redundant Wi-Fi connectivity</li> </ul>	<ul style="list-style-type: none"> <li>Add 802.11b/g functionality to a laptop</li> <li>Redundant Wi-Fi connectivity</li> </ul>	<ul style="list-style-type: none"> <li>LAN extension for nomadic access to corporate network, Internet and e-mail</li> <li>Hotspot</li> <li>Guest access to Internet</li> <li>Voice, video and data</li> </ul>	<ul style="list-style-type: none"> <li>LAN extension for nomadic access to corporate network, Internet and e-mail</li> <li>Hotspot</li> <li>Guest access to Internet</li> <li>Voice, video and data</li> </ul>	<ul style="list-style-type: none"> <li>Community Internet access via Wi-Fi</li> <li>Municipal worker Internet access</li> <li>Public safety communications (AP-4900MR-LR)</li> </ul>
<b>Environments</b>	<ul style="list-style-type: none"> <li>Individual user</li> <li>Enterprise end-user</li> <li>Municipal/public safety worker</li> </ul>	<ul style="list-style-type: none"> <li>Individual user</li> <li>Enterprise end-user</li> <li>Municipal/public safety worker</li> </ul>	<ul style="list-style-type: none"> <li>Enterprises</li> <li>Hotspots: retail, hotel, airport</li> <li>K-12 and higher education</li> <li>Branch and remote offices of large enterprises</li> </ul>	<ul style="list-style-type: none"> <li>Enterprises</li> <li>Hotspots: retail, hotel, airport</li> <li>K-12 and higher education</li> <li>Branch and remote offices of large enterprises</li> </ul>	<ul style="list-style-type: none"> <li>Municipal broadband networks</li> <li>Service provider broadband networks</li> <li>Enterprise metro-area networks</li> <li>Public safety networks (AP-4900MR-LR)</li> </ul>
<b>Key Features</b>	<ul style="list-style-type: none"> <li>Plug-and-play for Windows PCs</li> <li>Operates in 802.11b/g or 802.11a mode</li> <li>802.1X, WPA, WPA2</li> <li>802.11i</li> <li>802.11d Global Roaming</li> </ul>	<ul style="list-style-type: none"> <li>Plug-&amp;-play for Windows PCs</li> <li>Operates in 802.11b/g mode</li> <li>802.1X, WPA, WPA2</li> <li>802.11i</li> <li>802.11d Global Roaming</li> </ul>	<ul style="list-style-type: none"> <li>User-selectable 802.11a, b or g operation</li> <li>IEEE 802.11i and AES encryption</li> <li>Quality-of-service for latency-sensitive voice, data and video applications</li> <li>Extensive RADIUS accounting support</li> </ul>	<ul style="list-style-type: none"> <li>Dual-radio design offers operational flexibility and high capacity</li> <li>User-selectable 802.11a, b or g operation</li> <li>IEEE 802.11i and AES encryption</li> <li>Quality-of-service for latency-sensitive voice, data and video applications</li> </ul>	<ul style="list-style-type: none"> <li>Dual-radio, outdoor base station</li> <li>802.11a, b/g Wi-Fi coverage</li> <li>ORiNOCO Mesh Creation Protocol (OMCP) for backhaul at 5 GHz or 4.9 GHz</li> <li>Secure management</li> <li>Enterprise class security</li> <li>Extended Range (-LR Models)</li> </ul>
<b>SPECIFICATIONS</b>					
<b>Frequency Band</b>	<ul style="list-style-type: none"> <li>802.11b/g: 2.4 GHz</li> <li>802.11a: 5.8 GHz</li> </ul>	<ul style="list-style-type: none"> <li>802.11b/g: 2.4 GHz</li> </ul>	<ul style="list-style-type: none"> <li>802.11b/g: 2.4 GHz</li> <li>802.11a: 5.8 GHz</li> </ul>	<ul style="list-style-type: none"> <li>802.11b/g: 2.4 GHz</li> <li>802.11a: 5.8 GHz</li> </ul>	<ul style="list-style-type: none"> <li>2.4 GHz or 5 GHz for access</li> <li>4.9 GHz for Backhaul (AP-4900MR-LR)</li> <li>5.47-5.725 GHz for backhaul (AP-4000MR)</li> <li>5.745-5.85 GHz for backhaul (AP-4000MR-LR)</li> </ul>
<b>RF Protocol</b>	<ul style="list-style-type: none"> <li>802.11b/g</li> <li>802.11a</li> </ul>	<ul style="list-style-type: none"> <li>802.11b/g</li> </ul>	<ul style="list-style-type: none"> <li>802.11b/g</li> <li>802.11a</li> </ul>	<ul style="list-style-type: none"> <li>802.11b/g</li> <li>802.11a</li> </ul>	<ul style="list-style-type: none"> <li>802.11b/g</li> <li>802.11a</li> </ul>
<b>Data Rate*</b>	54 Mbps	54 Mbps	54 Mbps	54 Mbps	54 Mbps
<b>QoS</b>	Draft 802.11e	Draft 802.11e	Draft 802.11e; 802.1p	Draft 802.11e; 802.1p	Draft 802.11e; 802.1p
<b>Security</b>	<ul style="list-style-type: none"> <li>AES, TKIP, WEP</li> <li>802.1X</li> <li>WPA (Wi-Fi Protected Access), WPA2</li> <li>802.11i</li> </ul>	<ul style="list-style-type: none"> <li>AES, TKIP</li> <li>WPA (Wi-Fi Protected Access)</li> <li>802.11i</li> <li>WEP (128, 152)</li> </ul>	<ul style="list-style-type: none"> <li>802.11i</li> <li>AES, TKIP</li> <li>802.1x</li> <li>TKIP</li> <li>RADIUS based MAC address</li> </ul>	<ul style="list-style-type: none"> <li>802.11i</li> <li>AES, TKIP</li> </ul>	<ul style="list-style-type: none"> <li>802.11i</li> <li>AES, TKIP</li> </ul>

For detailed technical specifications, please visit <http://www.proxim.com/products/wifi>

[www.proxim.com](http://www.proxim.com)

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