

# Fiber Series

	VigorFly 210F series		Vigor2110F series			Vigor2130F series			Vigor2920F series			Vigor2960F
	210F	210FV	2110F	2110Fn	2110FVn	2130F	2130Fn	2130FVn	2920F	2920Fn	2920FVn	2960F
<b>Fiber Interface</b>	1-SFP		1-SFF			1-SFP			1 Giga WAN + 1 SFP			1 Giga WAN + 1 SFP
<b>WAN</b>												
<b>Load-Balance</b>	✓	✓							✓	✓	✓	✓
<b>Fail-Over</b>	✓	✓							✓	✓	✓	✓
<b>BoD (Bandwidth on Demand)</b>									✓	✓	✓	✓
<b>LAN</b>	4-Port 10/100 Switch		4-Port 10/100 Switch			4 Giga Port			4 Giga Port			4 Giga Port
<b>USB Port for Printer or 3.5G USB Modem or File System</b>	3.5G/LTE/WiMAX		Printer /3.5G USB Modem			Printer /3.5G USB Modem			Printer /3.5G USB Modem			Printer /3.5G USB Modem
<b>ISDN</b>												
<b>Wireless</b>	802.11n	802.11n		802.11n	802.11n		802.11n	802.11n		802.11n	802.11n	
<b>MAC Address Access Control</b>	✓	✓		✓	✓		✓	✓		✓	✓	
<b>WEP / WPA / WPA2 Encryption</b>	✓	✓		✓	✓		✓	✓		✓	✓	
<b>802.1X Authentication</b>										✓	✓	
<b>Wireless LAN Isolation</b>	✓	✓		✓	✓		✓	✓		✓	✓	
<b>Wireless VLAN</b>												
<b>Multiple SSID</b>	✓	✓		✓	✓		✓	✓		✓	✓	
<b>Wireless Rate Control</b>	✓	✓		✓	✓		✓	✓		✓	✓	
<b>AP Discovery</b>	✓	✓		✓	✓		✓	✓		✓	✓	
<b>WDS</b>	✓	✓		✓	✓		✓	✓		✓	✓	
<b>WMM</b>	✓	✓		✓	✓		✓	✓		✓	✓	
<b>VoIP</b>												
<b>Protocol</b>	SIP, RTP / RTCP											
<b>SIP Account</b>		6			6			6			6	
<b>FXS</b>		2			2			2			2	
<b>PSTN Loop-through</b>		1			1			1			1	
<b>ISDN S0 intern</b>												
<b>ISDN S0 extern</b>												
<b>ISDN Loop-through</b>												
<b>Codec</b>	G.711, G.723.1, G.726, G.729											
	G.168 Line Echo-Cancellation											
<b>DSP Features</b>	Jitter Buffer (ms)		180ms		180ms		180ms		180ms		180ms	
	Caller ID											
<b>FAX / Modem Support</b>	G.711 Pass-through / T.38											
	Internal Call											
	Call Hold / Retrieve / Waiting											
<b>Supplemental Services</b>	Call Waiting with Caller ID											
	Call Forwarding (Always, Busy, No Answer)											
	DND (Do not Disturb) / Hotline											
	MWI (Message Waiting Indicator)											
<b>DTMF Tone</b>	Inband, Outband (RFC-2833), SIP Info											
<b>DialPlan</b>	Phone Book / Digit Map											
	Call Barring											
<b>VPN</b>												
<b>Tunnel</b>	1	1	2	2	2	2	2	2	32	32	32	200
<b>Protocol</b>	PPTP, L2TP, IPSec, L2TP over IPSec		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	AES		✓	✓	✓	✓	✓	✓	Hardware		Hardware	
<b>Encryption</b>	DES / 3DES		✓	✓	✓	✓	✓	✓	Hardware		Hardware	
	MPPE		✓	✓	✓	✓	✓	✓	✓	✓	✓	
<b>Authentication</b>	MD5, SHA-1		✓	✓	✓	✓	✓	✓	✓	✓	✓	
<b>IKE Authentication</b>	Pre-shared Key		✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Digital Signature								✓	✓	✓	
<b>NAT-Traversal</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
<b>DHCP over IPSec</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
<b>VPN Backup</b>									✓	✓	✓	
<b>VPN Load-Balance</b>											✓	
<b>Bandwidth Management</b>												
<b>Policy-based QoS</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Bandwidth / Session Limitation</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Firewall</b>												
<b>Object-based Firewall</b>			✓	✓	✓				✓	✓	✓	✓
<b>Policy-based IP Filter</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>DoS / DDoS Prevention</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Bind IP to MAC Address</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>E-Mail Alert</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>CSM (Content Security Management)</b>			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓