

PCR5080 3Wire Network System Specifications:

PCR Systems	Supports up to 16 subscribers
	Full Duplex data traffic
RF Specifications	Coax Impedance: 75 Ohm
	Distances capabilities between clients and gateway devices with 200Mbps symmetric bandwidth.
	- 1000ft (300 meters) distance over coaxial cable
	- 200ft (60 meters) distance over twisted pair - 200ft (60 meters) distance over household powerline
RF parameters	Standard Frequency range: 0 – 30MHz (by default)
	Max. output RF level: 110 dB μ V
Interfaces	WAN: (1) 10/100Mbps RJ45 port - BaseT
	LAN: (1) Female F-connector (3) 10/100Mbps RJ45 ports - BaseT (optional) (1) RJ-11 port
Standards & Management:	
Standards	IEEE 802.11 b/g (optional), IEEE 802.3
	HomePlug AV 200 Mbps
Device Management	Web-Based – Internet Explorer v6 or later; Fire Fox, Netscape Navigator v6 or later; or other Java- enabled browsers.
	SNMP v.3
Wireless Distribution System (optional)	Router
	AP
	PTMP Bridge
	Repeater
Security	64, 128, 152-bit WEP
	802.1X (EAP-MD5, EAP-TLS, EAP-TTLS and EAP-PEAP)
	WPA —Wi-Fi Protected Access, WPA2
	MAC Address Access Control (WPA-TKIP and WPA-AES)
Media Access Control	CSMA/CA with ACK
Wireless Frequency Range	2.4GHz to 2.4835GHz
Wireless Signal Range*	Indoors: Up to 328 ft (100 meters)
	Outdoors: Up to 1312 ft (400 meters)

Modulation Technology	Orthogonal Frequency Division Multiplexing (OFDM)
	Complementary Code Keying (CCK)
	DQPSK
	DBPSK
Wireless Transmit Power	12dBm (32mW) \pm 2dB (Control TX power level from full, 50%, 25%, 125% and min.)
Protocols	TCP/IP, PPPoE, DHCP, ICMP, SNTP
External Antenna Type	1.0dB Dipole with reverse SMA connector
LED's	RF
	SYS
	WLAN (optional)
	WAN
	LAN x 3 (optional)
	LINK (optional)
Temperature	Operating: 32°F to 140°F (0°C to 40°C)
	Storing: 4°F to 149°F (-20°C to 65°C)
Humidity	95% maximum (non-condensing)
Power Input	Power Supply 100-240VAC 50-60HZ