



C4[®] and C4c[™] CMTS System Control Module 3 (SCM 3) Technical Specifications

Specifications

Physical

Power	-48 VDC (-44 to -72 VDC)
Power Consumption	32 W nominal, 50 W maximum at -48 VDC, 77°F (25°C)
Power Consumption of Control Complex (SCM 3 with Router Control Module (RCM))	150 W nominal, 170 W maximum at -48 VDC, 77°F (25°C)
Operating Temperature:	
Short Term °F (°C)	+23 to +131 (-5 to +55)
Long Term °F (°C)	+41 to +104 (+5 to +40)
Storage Temperature °F (°C)	-40 to +158 (-40 to +70)
Operating Humidity (Min.-Max.)	5 to 85% (Non condensing)
Dimensions (H x W x D) in. (cm)	15.8 x 0.8 x 15.0 (40.0 x 1.9 x 38.1)
Processor Memory	2 GB DDR2 RAM
Non-Volatile Storage Media	Compact Flash (CF)
Weight lbs. (kg)	approx 4 (1.8)

Interfaces

Serial Port	RS-232 with baud rates of 9,600, 19,200, 38,400, 57,600, and 115,200
Maintenance Ethernet	10/100-BaseT port (RJ-45) on SCM Physical Interface Card (PIC) and 10/100/1000-BaseT port (RJ-45) on SCM 3 front faceplate; active port (front or rear) selectable at boot-up, defaults to rear

Support with Software Release 8.1 (Partial Feature List)

SCM 3 Functions	
Out-of-Band Management	PacketCable [™] Common Open Policy Server (COPS)
In-Band Management	PacketCable/VoIP Connection Management
RADIUS Authentication	PacketCable Multimedia Gate Control Support
TACACS+ Authentication, Authorization, and Accounting	
Telnet Processing	
Secure Shell v2 (SSHv2) Processing	
File Transfer Protocol (FTP) Processing	
Common Operation Administration Maintenance and Provisioning (OAM&P) and Infrastructure Software Functions	
Internet Protocol Data Record / Streaming Protocol (IPDR/SP)	
Persistent Memory Management	
System Maintenance Control	
Monitoring of All Client Modules	
SNMP Agent	
Syslog Client	
System-Wide Data Distribution	
System-Wide Clock Distribution	
(Secure) Network Time Protocol Client	
Overload Control	
Audit Control	
Billing and Measurement Data	

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Ordering Information

Part Number	Description
SCM 3 Kits	
799087	C4 CMTS System Control Module 3 (SCM 3)
Maintenance Plan (required)	
708387	Software Maintenance – Phone Plus Gold

Specifications are subject to change without notice.

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