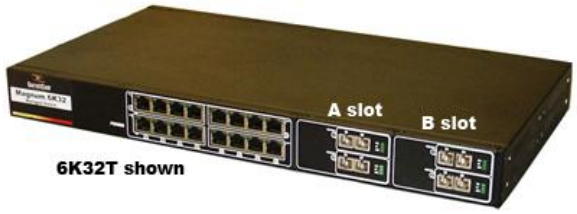
Magnum 6K32T and 6K32TR Configuration Guide

Magnum 6K32T and 6K32TR Managed Switches, base units with 16 fixed 10/100 copper ports and two optional port module slots. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, self learning 4K-node address table, 240KB packet buffers. 19" rack-mounting brackets included. *Note: MNS-6K and MNS-6K-SECURE software are licensed for 6K switches.*

Step 1. Choose 6K32T or 6K32TR chassis and power input type:

Model #	Base Unit, Description
6K32T	Rack-mount with AC Power
6K32T-24 VDC	Rack-mount with 24V (18-36) DC power
6K32T-48 VDC	Rack-mount with -48V (36-70) DC power
6K32T-125 VDC	Rack-mount with 125V (88-300) DC power
6K32T-250 VDC	Rack-mount with 250V (88-300) DC power

Model #	Base Units continued…
6K32TR	Reverse mount with AC power
6K32TR-24 VDC	Reverse mount with 24V (18-36) DC power
6K32TR-48 VDC	Reverse mount with 48V (36-70) DC power
6K32TR-125 VDC	Reverse mount with 125V (88-300) DC power
6K32TR-250 VDC	Reverse mount with 250V (88-300) DC power



6K32T shown

Step 2. Choose 1 module for slot A and/or B (may be blank)
Note: If PoE module is desired, see PoE Configuration Guide:

Module Model #	10/ 100	10BASE-FL	100BASE-FX(MM)	100BASE-FX(SM)	Gigabit
6KP8-RJ45	8				
6KP8-45-2MT	6		2 (MTRJ)		
6KP8-45-2SLC	6			2 (20km LC)	
6KP6-RJ10ST	4	2 (ST)			
6KP6-RJMST	4		2 (ST)		
6KP6-RJMSC	4		2 (SC)		
6KP6-RJSSC	4			2(20km SC)	
6KP6-RJSSCL	4			2(40km SC)	
6KP8-45MT	4		4 (MTRJ)		
6KP8-45MLC	4		4 (LC)		
6KP8-45SLC	4			4 (20km LC)	
6KP4-F10ST		4 (ST)			
6KP4-FLSTFX		2 (ST)	2 (ST)		
6KP4-FXST			4 (ST)		
6KP4-FXSC			4 (SC)		
6KP6-MT10ST		2 (ST)	4 (MTRJ)		
6KP8-MTRJ			8 (MTRJ)		
6KP8-MLC			8 (LC)		
6KP8-SLC				8 (20km LC)	
	Gigabit Modules using GBICs (see Step 3)				
6KP3-G2SC			2 (SC)		1 GBIC
GBPM-COTX					1 GBIC
GBPM-2OTX					2 GBIC
	Gigabit Modules, fixed ports				
6KP2-2GSX					2 SX
6KP2-2GCU					2 CU
6KP3-1CU2FXT			2 (ST)		1 CU
Gigabit Modules, fixed ports—Using Small form factor (SFP) transceivers					
6KP7-1G2RJ4MLC, 6KP7-1G2RJ4SLC, 6KP7-1G2RJ4SLCL w/ 1 SFP Gb port, 2 10/100 RJ45 & 4 m-mode, sgl-mode or "long haul" sgl-mode fiber					
6KP5-1CU4RJ	4				1 CU
6KP7-1GSFP6RJ	6				1 SFP
6KP2-2GSFP					2 SFP
6KP2-1GSFP1CU					1SFP, 1CU
6KP1-1GSFP					1 SFP
6KP1-1GCU					1 CU

Step 3 (Opt) Choose GBICs or SFPs for Gig Ports (if configured) in Slot A and/or B:

Gb SFP fiber optic transceivers	
SFP-GTP	Gb Copper
SFP-SX	Gb SX, 850nm wavelength, 550 meters distance
SFP-ESX	Gb SX, 1310nm wavelength, 2km distance
SFP-LX10	Gb LX, 1310nm wavelength, 10km distance
SFP-LX25	Gb LX, 1310nm wavelength, 25km distance
SFP-ZX40	Gb ZX, 1550nm wavelength, 40km distance
SFP-ZX70	Gb ZX, 1550nm wavelength, 70km distance

Model #	Description (Ports for GBPM-COTX / 6KP5-G4RJ/ 6KP3-G2SC)
GBIC-SXSC	One 1000BASE-SX port with m.m. SC fiber connector
GBIC-LXSC10	One 1000BASE-LX/LH port 1310nm s.m. SC 10Km
GBIC-LXSC25	One 1000BASE-LX/LH port 1310nm s.m. SC 25Km
GBIC-TP	One IEEE 802.3ab TP port, RJ-45 connector
GBIC-ZXSC40	One 1000BASE-ZX port 1550nm s.m. SC 40Km
GBIC-ZXSC70	One 1000BASE-ZX port 1550nm s.m. SC 70Km
GBIC-ZXSC120	One 1000BASE-ZX port 1550nm s.m. SC 120Km

Step 4. Choose options & extras:

Model #	Description
6KM-BLNK	Blank cover for 1 unused (A) module slot
DUAL-SRC	Two separate pwr inputs (24/ 48/125 or 250V)
ALARM-TERMBLK	Alarm contacts, 1 power and 1 software
MNS-6K-SECURE	Optional, licensed per switch for extra security
S-RING-KEY	Software, self-healing ring management
RMB-23W	23" 'Telco' rack-mount kit (1U)
RMB-ETSI	ETSI rack-mount kit (1U)
CONSOLE-CBL	Console attachment cable serial null Modem (aka X-modem) cable with DB9 connectors
CONSOLE-USB	As above, but with a USB connector
CONFORM05-CRM	Conformal coating, 5 mil, for moisture protection
CONFORM08-CRM	Conformal coating, 8 mil, for corrosive environ.