Magnum 6K32TRC Configuration Guide

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Magnum 6K32TRC Managed Switch, base unit is reverse rack-mounted and convection cooled (no fans). The 6K32TRC contains 16 fixed 10/100 copper ports and two optional port module slots. The two module slots may be configured with any of the modules below, or may be unpopulated. 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 software license is included with Base Unit.

Step 1. Choose 6K32TRC chassis & power input:

Model #	Base Unit, Description
6K32TRC	Rack-mount with AC Power
6K32TRC-24 VDC	Rack-mount with 24V (18-36) DC power
6K32TRC-48 VDC	Rack-mount with -48V (36-70) DC power
6K32TRC-125 VDC	Rack-mount with 125V (88-300) DC power
DUAL SRC	Two separate DC power inputs (24/48 or 125V)

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 (15km 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 (15km 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 (15km LC)	
	Gigabit Modules using GBICs (see Step 3)				
6KP5-G4RJ	4				1 GBIC
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
6KP5-1CU4MT			4 (MTRJ)		1 CU
6KP3-1CU2FXT			2 (ST)		1 CU
6KP5-1CU4RJ	4				1 CU
Gigabit Modules, fixed ports—Using Small form factor(SFP) transceivers					
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:

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

Gb SFP fiber optic transceivers	
SFP-SX	Gb SX, 850nm wavelength, 500 meters 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

Step 4. Choose options & extras:

Model #	Description
6KM-BLNK	Blank cover for 1 unused (A) module slot
DUAL-SRC	Two separate power inputs (24/ 48/ or 125V)
ALARM TERMBLK	Alarm contacts, 1 power and 1 software
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
CONFORMAL CR	Conformal coating – request quote