

# Magnum 6K25 and 6K25R Configuration Guide

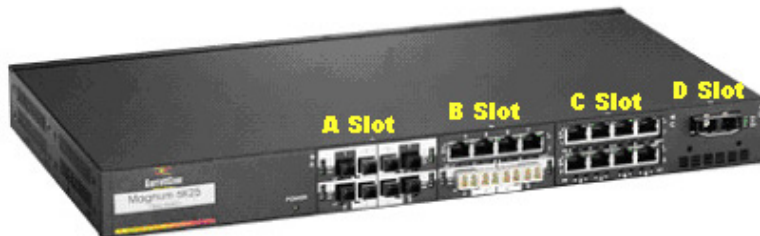
**Magnum 6K25 and 6K25R (Reverse Rack-Mount) Managed Switches.** May be configured with a selection of 10/100/1000 6K fiber and copper port connector types, 25 total ports max. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing self-learning 4K-node address table, large 240KB packet buffers for 10/100 and 120KB for 1000Mb. 19" rack-mounting brackets included.



Note: MNS-6K and MNS-6K-SECURE software are licensed for 6K switches.

## Step 1. Choose 6K25 or 6K25R chassis and power input type:

Model #	Base Unit, Description
6K25	Front mount with AC Power
6K25-24VDC	Front mount with 24V (18-36) DC power
6K25-48VDC	Front mount with -48V (36-70) DC power
6K25-125VDC	Front mount with 125V (88-150) DC power
6K25R	Reverse mount with AC Power
6K25R-24VDC	Reverse mount with 24V (18-36) DC power
6K25R-48VDC	Reverse mount with -48V (36-70) DC power
6K25R-125VDC	Reverse mount with 125V (88-300) DC power



## Step 2. Choose 1 module for slots A, B and C (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)	
GBPM-COTX					1

## Step 4. Choose GBICx for Gigabit Ports using COTX & DOTX

Model #	Description (GBICs for GBPM-COTX / GBPM-DOTX)
GBIC-SXSC	One 1000BASE-SX port w/ 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

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
CONFORM05-CRM	Conformal coating, 5 mil, for moisture protection
CONFORM08-CRM	Conformal coating, 8 mil, for corrosive environments

## Step 3. (Optional). Choose 1 Gigabit module for slot D

Model Code	Gigabit
GBPM-DOTX	1