

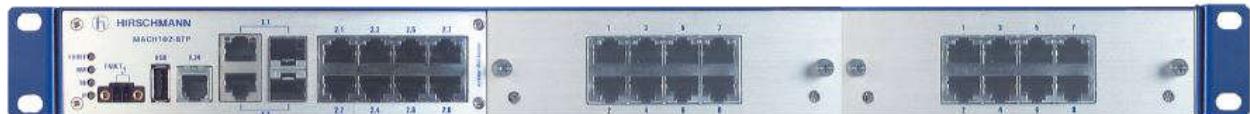
---

# TABLE OF CONTENTS

<b>GENERAL</b>	2
<b>PREPARATION</b>	3
Project Definition	3
Pre-installation visit & checklist	4
Network	5
Cabling Diagram	7
<b>INSTALLATION</b>	9
Cabling	10
Pass Gateway rack Placement	11
displays Placement	12
camera Placement	14
<b>CONNECTING</b>	17
Connecting Rack	17
Connection to legacy PMS & barriers	18
Connection Barriers	19
Loops	20
<b>POWER-UP &amp; CONFIGURATION</b>	21
Acceptance Installation	21
Acceptance Cabling & External Connections	22
Rack	23
I/O Module	24
Network Access	27
PC	28
Network Switch	29
UPS	32
Keypad	35
Camera's Survision	36
Displays	38
<b>ERROR SCENARIO'S</b>	45

# NETWORK SWITCH

## MACH-102



MACH 102-24TP-F

Industrial ETHERNET (Gigabit) Switch.

ACA  
Power ○ ○ ○ ○ RM  
Status

## RED 25

This module is only used in the redundant rack configuration and is needed to split single ended network users into two Ethernet access connections running PRP (Parallel Redundant Protocol)

