

Model Name	MCT-RACK-Series-MGM	Version	1.02.0Y	Designer	Approval
Part Name	Firmware	Date	2025/06/13		
Part Number	N/A	Unit	N/A		
File Name	MCT-RACK-Series-MGM_Release note_1.02.0Y_20250613.doc				

Release Note

FIRMWARE VERSION 1.02.0Y	3
FIRMWARE VERSION 1.02.0X	3
FIRMWARE VERSION 1.02.0W.....	4
FIRMWARE VERSION 1.02.0V	4
FIRMWARE VERSION 1.02.0U	5
FIRMWARE VERSION 1.02.0T	5
FIRMWARE VERSION 1.02.0S	6
FIRMWARE VERSION 1.02.0R.....	6
FIRMWARE VERSION 1.02.0Q	7
FIRMWARE VERSION 1.02.0P	7
FIRMWARE VERSION 1.02.0O	7
FIRMWARE VERSION 1.02.0N	8
FIRMWARE VERSION 1.02.0M.....	8
FIRMWARE VERSION 1.02.0L.....	8
FIRMWARE VERSION 1.02.0K	9
FIRMWARE VERSION 1.02.0I.....	9
FIRMWARE VERSION 1.02.0H	9
FIRMWARE VERSION 1.02.0G	10
FIRMWARE VERSION 1.02.0F	10
FIRMWARE VERSION 1.02.0E.....	10
FIRMWARE VERSION 1.02.0D	10
FIRMWARE VERSION 1.02.0C.....	11



FIRMWARE VERSION 1.02.0B.....	11
FIRMWARE VERSION 1.02.0A	11
FIRMWARE VERSION 1.02.09	12
FIRMWARE VERSION 1.02.08	12
FIRMWARE VERSION 1.02.07	12
FIRMWARE VERSION 1.02.06	13
FIRMWARE VERSION 1.02.05	13
FIRMWARE VERSION 1.02.04	13
FIRMWARE VERSION 1.02.03	13
FIRMWARE VERSION 1.02.02	13
FIRMWARE VERSION 1.02.01	14
FIRMWARE VERSION 1.02.00	14

Firmware Version 1.02.0Y

Date: 2025/06/13

New Feature / System Release	Description		
SSH	Update Dropbear version to 2022.		
Update	Description		
Converter Firmware	Model Name	Version	
	MCT-3612	0.99.08	
	MCT-2612	0.98.05	
	MCT-3512	0.98.07	
	MCT-5002	0.98.01(fw)	
		0.03.03(sw)	
	MCT-5002FSM	0.99.02	
SSH	Failed to establish SSH connection.		
Network Management > Time Server Configuration	Syslog messages will not update their timestamps if the user changes the time zone. The new setting will only take effect after rebooting the MCT-RACK.		
Chassis Monitor > Local Module OAM Status > 802.3ah Global Config	The OAM status on the MCT-3512 Local Module (installed in the MCT-RACK) might sometimes be disabled.		
Remote Module > Remote Module Management	The firmware or bootloader version information of the remote module in the MCT-RACK may become null after several plug-in/out cycles. This may prevent users from controlling the remote module via the web interface.		

Firmware Version 1.02.0X

Date: 2025/04/16

New Feature / System Release	Description		
N/A	N/A		
Update	Description		
Converter Firmware	Model Name	Version	
	MCT-3612	0.99.08	
	MCT-2612	0.98.05	
	MCT-3512	0.98.07	



		MCT-5002	0.98.01(fw)	
			0.03.03(sw)	
		MCT-5002FSM	0.99.02	
Chassis Monitor > SNMP	LocalModuleState and RemoteModuleState in SNMP may overwrite each other's information when monitored simultaneously, including TP port link state and speed.			

Firmware Version 1.02.0W

Date: 2024/06/24

New Feature / System Release	Description			
N/A	N/A			
Update	Description			
Converter Firmware		Model Name	Version	
		MCT-3612	0.99.08	
		MCT-2612	0.98.05	
		MCT-3512	0.98.07	
		MCT-5002	0.98.01(fw)	
			0.03.03(sw)	
		MCT-5002FSM	0.99.02	
System	Modify the reloading mechanism of rack, to recovery "Unknown Modules" of module state.			

Firmware Version 1.02.0V

Date: 2024/04/19

New Feature / System Release	Description			
N/A	N/A			
Update	Description			
Converter Firmware		Model Name	Version	
		MCT-3612	0.99.08	
		MCT-2612	0.98.05	
		MCT-3512	0.98.07	
		MCT-5002	0.98.01(fw)	
			0.03.03(sw)	
		MCT-5002FSM	0.99.02	
Event Log > SNMP	Event log of event field show "2031" when system voltage abnormality.			
SNMP Trap	FAN Trap display wrong, does not match WEB page event log and			



	syslog log.
System	<u>Power off/on</u> or <u>firmware upgrade</u> will random cause module state show "Unknown Module", then cannot read module information.
Chassis Configuration	Random occurs cannot on/off slot power.
Network Management > Trap Destination > CLI	Command "snmp-server trap-destination ?" display wrong index number [1-3], should be [1-10].

Firmware Version 1.02.0U

Date: 2024/03/20

New Feature / System Release	Description			
SNMP Trap	Update variable-bindings of enterprise specific trap to CTS private OIDs instead of public OIDs.			
Update	Description			
Converter Firmware		Model Name	Version	
		MCT-3612	0.99.08	
		MCT-2612	0.98.05	
		MCT-3512	0.98.07	
		MCT-5002	0.98.01(fw)	
			0.03.03(sw)	
		MCT-5002FSM	0.99.02	
SNMP / Trap Configuration / CLI	Use CLI "disable" all snmp-server trap-type, but temperature-trap still show "enable".			
SNMP / Trap Configuration / SNMP	SNMP trap configuration of System Voltage, Temperature default value does not match WEB page and CLI.			

Firmware Version 1.02.0T

Date: 2024/02/06

New Feature / System Release	Description		
N/A	N/A		
Update	Description		
Converter Firmware	Model Name	Version	
	MCT-3612	0.99.08	
	MCT-2612	0.98.05	
	MCT-3512	0.98.07	
	MCT-5002	0.98.01(fw)	
		0.03.03(sw)	



	MCT-5002FSM	0.99.02	
Temperature Status / Event log	When sensor temperature is over threshold status, web page event log description field not show description status.		
Event Log / SNMP	When FAN state is warning, event log of event field will show wrong.		
Event Log / SNMP	When temperature status overheat, event log of event field will show wrong.		
Event Log / SNMP	When temperature status normality, event log of event field will show wrong.		
Firmware Upgrade	MCT-RACK-18 can't downgrade to old version when its current version is 1.02.0S.		

Firmware Version 1.02.0S

Date: 2023/12/06

New Feature / System Release	Description		
System	Support new hardware MCT-RACK-12-MGM(B).		
Update	Description		
Converter Firmware	Model Name	Version	
	MCT-3612	0.99.08	
	MCT-2612	0.98.05	
	MCT-3512	0.98.07	
	MCT-5002	0.98.01(fw)	
		0.03.03(sw)	
	MCT-5002FSM	0.99.02	

Firmware Version 1.02.0R

Date: 2023/10/26

New Feature / System Release	Description		
SNMP	Support MCT-3512 remote module trap.		
Update	Description		
Converter Firmware	Model Name	Version	
	MCT-3612	0.99.08	
	MCT-2612	0.98.05	
	MCT-3512	0.98.07	
	MCT-5002	0.98.01(fw)	
		0.03.03(sw)	
	MCT-5002FSM	0.99.02	

Firmware Version 1.02.0Q

Date: 2023/10/16

New Feature / System Release	Description		
N/A	N/A		
Update	Description		
System	MCT-3512 OAM status always be disabled after bootup a while.		
Converter Firmware	Model Name	Version	
	MCT-3612	0.99.08	
	MCT-2612	0.98.05	
	MCT-3512	0.98.07	
	MCT-5002	0.98.01(fw)	
		0.03.03(sw)	
	MCT-5002FSM	0.99.02	

Firmware Version 1.02.0P

Date: 2023/04/19

New Feature / System Release	Description		
N/A	N/A		
Update	Description		
CLI	Telnet and SSH timeout behavior not match default value 300 seconds.		
Converter Firmware	Model Name	Version	
	MCT-3612	0.99.08	
	MCT-2612	0.98.05	
	MCT-3512	0.98.07	
	MCT-5002	0.98.01(fw)	
		0.03.03(sw)	
	MCT-5002FSM	0.99.02	

Firmware Version 1.02.0O

Date: 2023/04/17

New Feature / System Release	Description
N/A	N/A
Update	Description
EEE	Fixed EEE will cause link unstable issue.



	PS. Modify default value of EEE from enable to disable. (After firmware upgrade done then will valid immediately)		
Converter Firmware	Model Name	Version	
	MCT-3612	0.99.08	
	MCT-2612	0.98.05	
	MCT-3512	0.98.07	
	MCT-5002	0.98.01(fw)	
		0.03.03(sw)	
	MCT-5002FSM	0.99.02	

Firmware Version 1.02.0N

Date: 2022/10/25

New Feature / System Release	Description		
N/A	N/A		
Update	Description		
Management / SSH	Login from SSH and exit device, retry several times will cause SSH session full.		
Converter Firmware	Model Name	Version	
	MCT-3612	0.99.07	
	MCT-2612	0.98.04	
	MCT-3512	0.98.06	
	MCT-5002	0.98.01(fw)	
		0.03.03(sw)	
	MCT-5002FSM	0.99.02	

Firmware Version 1.02.0M

Date: 2022/10/17

New Feature / System Release	Description
N/A	N/A
Update	Description
System / SNMP	Reduce SNMP response time.

Firmware Version 1.02.0L

Date: 2022/10/11

New Feature / System Release	Description
------------------------------	-------------

N/A	N/A
Update	Description
Backup Configuration	Backup SNMPv3 encryption configuration will get wrong value.

Firmware Version 1.02.0K

Date: 2022/10/05

New Feature / System Release	Description		
Syslog	Support syslog facility (Local 0~7)		
SNMP	SNMPv3 support AES encryption.		
Update	Description		
System / SNMP	Reduce SNMP response time.		
Converter Firmware	Model Name	Version	
	MCT-3612	0.99.07	
	MCT-2612	0.98.04	
	MCT-3512	0.98.06	
	MCT-5002	0.98.01(fw)	
		0.03.03(sw)	
	MCT-5002FSM	0.99.02	

Firmware Version 1.02.0I

Date: 2020/03/06

New Feature / System Release	Description
N/A	N/A
Update	Description
RACK LED	Fixed that the LED with wrong behavior issue.

Firmware Version 1.02.0H

Date: 2020/02/27

New Feature / System Release	Description
N/A	N/A
Update	Description
System/WEB GUI	Fixed that when factory default then login web page will show “Setting changed” and still not saved issue.
SNMP	Fixed that use SNMP tool to setting TACACS server ip address will show setting success but result is not correctly issue.

Firmware Version 1.02.0G

Date: 2020/01/22

New Feature / System Release	Description
TACACS	Add that support TACACS function.
Update	Description
N/A	N/A

Firmware Version 1.02.0F

Date: 2019/12/16

New Feature / System Release	Description
N/A	N/A
Update	Description
Port Configuration	Fixed that when setting the speed of MCT-5002FSM module, it will fail issue.

Firmware Version 1.02.0E

Date: 2019/12/13

New Feature / System Release	Description
N/A	N/A
Update	Description
SNMP	Fixed that when changing loopback port in MCT-5002FSM module via SNMP, it will not successful issue.
Port Configuration	Fixed that when setting the speed of MCT-5002FSM module, it will fail issue.
SFP Information	Fixed that SFP information with incorrectly issue in MCT-5002FSM module.
Module Configuration	Fixed that MCT-5002FSM module configuration can't work normal issue.

Firmware Version 1.02.0D

Date: 2019/11/27

New Feature / System Release	Description
Module Support	Added that system can support MCT-5002FSMSFP+ module.



Update	Description
Module Firmware	Fixed that the typo issue in MCT-2612 module.
Module Configuration / Dip Switch	Fixed that when enable dip switch the WEB still can configure this module issue.
RACK LED	Fixed that the LED with wrong behavior.

Firmware Version 1.02.0C

Date: 2019/05/02

New Feature / System Release	Description
N/A	N/A
Update	Description
Module Information	Fixed that SNMP module port link up and link down trap will random affect TX/FX information does not correctly.

Firmware Version 1.02.0B

Date: 2019/04/25

New Feature / System Release	Description
N/A	N/A
Update	Description
Module Information	Fixed that SNMP module port link up and link down trap will random affect TX/FX information does not correctly.
Module Configuration / VLAN	Fixed that when insert/remove module will random cause setting config change to default value (e.g. VLAN configuration)

Firmware Version 1.02.0A

Date: 2019/04/18

New Feature / System Release	Description
N/A	N/A
Update	Description
Module Information	Fixed that SNMP module port link up and link down trap will random affect TX/FX information does not correctly.
Module Configuration / QinQ	Fixed that module QinQ ether type does not work on 0000-FFFF except for 8100, 9100, 9200.
Module Configuration / VLAN	Fixed that when insert/remove module will random cause setting config change to default value (e.g. VLAN configuration)

Firmware Version 1.02.09

Date: 2019/03/28

New Feature / System Release	Description
N/A	N/A
Update	Description
Module Information	Fixed that when WEB module information description key in %\ ?" does not pop up error message.
SNMP Trap	Fixed that SNMP module port link up and link down trap does not show module name.
Module Information	Fixed that when insert old MCT-3002 module to MCT-RACK, module information will display two-stage.
SNMP Trap	Rename MCT-RACK12 SNMP fan trap to "case fan 1-4".
Digital Input/Output	Fixed that MCT-RACK module TP/FX digital output does not affect.

Firmware Version 1.02.08

Date: 2019/03/21

New Feature / System Release	Description
Hitless Reload	When reboot system will not reboot module. Notes: Before do reload system, if have configure still not save, then still will affect module port link down/up.
Update	Description
Module Information	Modify WEB module information Description should can't input %\ ?"
Module Configuration	Fixed that can't save configuration success even when module MCT-3612/MCT-2612/MCT-5002 TP port already saved.
System / WEB GUI	Fixed that when MCT-RACK is default configure, after connect MCT-3612 module, WEB GUI will display prompt "Settings changed, still not saved."

Firmware Version 1.02.07

Date: 2018/02/20

New Feature / System Release	Description
N/A	N/A
Update	Description
Configuration	Fixed that configuration fail issue on MCT-3612/2612 modules.

Firmware Version 1.02.06

Date: 2019/02/19

New Feature / System Release	Description
N/A	N/A
Update	Description
Link Alarm	Fixed that when Link Alarm is enabled with TP port disconnection on MCT-3612 module, the Fiber port will link up again issue.

Firmware Version 1.02.05

Date: 2019/02/11

New Feature / System Release	Description
N/A	N/A
Update	Description
HTTPs	Fixed that when https enable, to save the settings and reboot, https does not work issue.

Firmware Version 1.02.04

Date: 2019/01/24

New Feature / System Release	Description
HTTPs	Added that HTTPs function.
Module	Support MCT-3002 series and MCT-100 modules.
Update	Description
N/A	N/A

Firmware Version 1.02.03

Date: 2018/12/19

New Feature / System Release	Description
N/A	N/A
Update	Description
IP address	Fixed that default gateway will disappear issue.

Firmware Version 1.02.02

Date: 2018/08/15



New Feature / System Release	Description
N/A	N/A
Update	Description
SFP	Fixed that the SFP speed value is incorrect issue.

Firmware Version 1.02.01

Date: 2018/07/24

New Feature / System Release	Description
N/A	N/A
Update	Description
System	Fixed that the system name will be showed incorrectly.

Firmware Version 1.02.00

Date: 2018/07/20

New Feature / System Release	Description
N/A	Release version 1.02.00 formal firmware and integrate the firmware of MCT-RACK-12-MGM and MCT-RACK-18-MGM.
Update	Description
N/A	N/A