Release Notes for MasterConsole® Digital KVM Switch Version 2.3.0

Date: July 2021
Applicability: MasterConsole® Digital models: MCD-108 / MCD-116 / MCD-216 / MCD-232 / MCD-LED17108 / MCD-LED-17116 , MDCIM-DVI, MDCIM-HDMI, MDCIM-DP , MDUTP20-VGA, MDUTP40-VGA, MDUTP60-VGA, MDUTP150-VGA

MasterConsole® Digital KVM switch (MCD) Overview:

The MasterConsole® Digital KVM switch (MCD) is ideal for small to midsized businesses (SMB) who need to have a centralized point of access to multiple servers without the expense and clutter of a dedicated keyboard, mouse, and monitor for each computer or server. The MCD supports the highest HD video resolution of up to 1920x1080 via standard Category 5/6/6e cabling.

Release Overview:

The purpose for the firmware release is to improve video quality and to fix a compatibility issue. There is also a new and user management feature.   Please refer to the detailed information below,

1. Enhance video quality and improve product electrical grounding.
2. Add a grounding logo on the bottom chassis following the latest safety certification requirements.
3. Add a port access privilege setting for the MCD switch: 1 admin + 15 users with user port access right. The access right is applied to tier one and tier 2.
4. Enhance the USB connection signal between MDCIMs/Cables and target devices.

Detailed Changes

The MCD Switch F/W Change Notice:

Product	Current F/W version	New F/W version	Change Notes
MCD-108	V2.02	V2.30	
MCD-116	V2.02	V2.30	
MCD-216	V2.02	V2.30	Add a new user privilege setting feature.
MCD-232	V2.02	V2.30	
MCD-LED17108	V2.02	V2.30	
MCD-LED17116	V2.02	V2.30	

The MCD Switch H/W Change Notice

Product	Current H/W Version	New H/W Version	Change Notes
MCD-108 MCD-116 MCD-216 MCD-232	V1.1C, MCD-216-MAIN V1.31	V1.1**D**, MCD-216-MAIN V1.31	1. The beads (positions LB2, LB3 and LB4) on the motherboard are changed to 0-ohm resistors to improve video quality and compatibility of VGA monitors. 2. Add the "grounding mark" on the bottom case of MCD to comply with safety regulations.

Revision V2.3.0, 14/07/2021

The MDCIM/MDUTP Cable F/W Change Details

Product	Current F/W Version	New F/W Version	Change Notes
MDCIM-DVI MDCIM-HDMI MDCIM-DP MDUTP20-VGA MDUTP40-VGA MDUTP60-VGA MDUTP150-VGA	V2.1	V2.3	1. Enhance USB protocol flow. 2. Fix an issue where mouse and keyboard are sometimes no responsive.

The MDCIM-DP Cable H/W Change Details

Product	Current H/W Version	New H/W Version	Change Notes
MDCIM-DP	V0E	V0**F**	1. Replace a new RJ-45 Connector with better shielding and grounding. It will enhance the grounding and connection to the target device. 2. Change the main chip, able to sync the EDID (up to 1080P) with monitor.
MDCIM-DVI MDCIM-HDMI	V0E	V0**F**	1. Replace a new RJ-45 Connector with better shielding and grounding. It will enhance the grounding and connection to the target device.