



Display

Video Products Technical Bulletin 30-2003-105

DATE: **March 31, 2003**SUBJECT: **NO POWER WHEN USED WITH PVM-20L/14L MONITORS IN SERIAL REMOTE CONNECTION**

MODEL: ***BVM-D20F1A/1***
BVM-D20F1E/1
BVM-D20F1E/2
BVM-D20F1U/1
BVM-D24E1WA
BVM-D24E1WE
BVM-D24E1WU
BVM-D32E1WA
BVM-D32E1WE
BVM-D32E1WU
BVM-F24
BVM-F24E
BVM-F24U
BVM-F24U/1

SERIAL NO:

BVM-D20F1A/1 2,010,119–2,010,162
BVM-D20F1E/1 2,010,022–2,010,052
BVM-D20F1E/2 2,010,053–2,010,068
BVM-D20F1U/1 2,010,001–2,010,241
BVM-D24E1WA 2,000,066–2,000,098
BVM-D24E1WE 2,000,251–2,000,420
BVM-D24E1WU 2,000,451–2,000,625
BVM-D32E1WA 2,000,003
BVM-D32E1WE 2,000,039–2,000,053
BVM-D32E1WU 2,000,228–2,000,263
BVM-F24 2,000,001–2,000,027
BVM-F24E 2,000,001
BVM-F24U 2,000,001–2,000,043
BVM-F24U/1 2,500,001–2,500,006

Italicized information in green applies to customers outside the United States.

DESCRIPTION

The BVM monitor may not power-on when:

- Connected to PVM-20L/14L series monitors in a serial remote control connection, and
- All monitors are turned on simultaneously (such as with the main switch).

The three LEDs on the front panel of the monitor remain off. The symptom is more likely to occur when the PVM monitor has an HD-SDI input board (BKM-142HD); the symptom does not occur when all connected monitors are BVM series monitors.

To correct the symptom, perform the following modification procedure.

PARTS REQUIRED

Part No.	Description	Qty.
6-803-048-01	HD6475368CP-10-BVMD-V1.05	1

ORDERING INFORMATION

To order upgrades or for regional service center and parts ordering information, refer to the following document, which lists all contact telephone numbers:

Technical Bulletin 001999000

MODIFICATION PROCEDURE

BC Board (Side A)

Replace IC1 (V1.01–V1.04) with a new V1.05 ROM.

When installing the IC, ensure that all IC pins are in firm contact with the socket pins. (See Technical Bulletin 20-2000-077.)

CAUTION: Programmable devices are easily damaged by static electricity. Make sure the equipment is powered OFF and you are grounded to the unit with a cable that contains a 1 MΩ resistor between you and GND when installing programmable devices. Work with caution when grounded to the unit.

DPMO03-001

NOTE: V1.00 of IC1 does not cause the symptom; therefore, replacement of the IC is not necessary.

CPU VERSION CONFIRMATION

BVM-D20/D24/D32 (Versions Lower than V1.20)

Confirm that the CPU (IC1) is V1.05 by looking at the label on the IC.

BVM-D20/D24/D32 (V1.20 and Higher)

BVM-F24

1. Choose BC BOARD from the Maintenance menu.
2. Confirm that the CPU (IC1) version is displayed as follows:

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CPU VERSION  1.05  
SERIAL REMOTE...  
ISR...
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CONFIRMATION

1. Power-on all monitors simultaneously.
2. Confirm that the BVM monitor powers on properly.