

CPU-100 Board

The CPU-100 board is the central processing unit of the IPS-200 system.

The front panel is equipped with the reset button and 3 LED's (SV, L3, L2).

The reset button is used to restart the software.

LED "SV" indicates that the processor is in operation.

LED "L2" indicates whether the frame store is synchronized with the video signal on the input of the frame store. If this is not the case, the LED is turned off during the synchronization. During this time it is not possible to record images.

With each power-up or system reset, a self test is completed automatically. If an error is detected, LED's "L2" and "L3" indicate the cause of the errors.

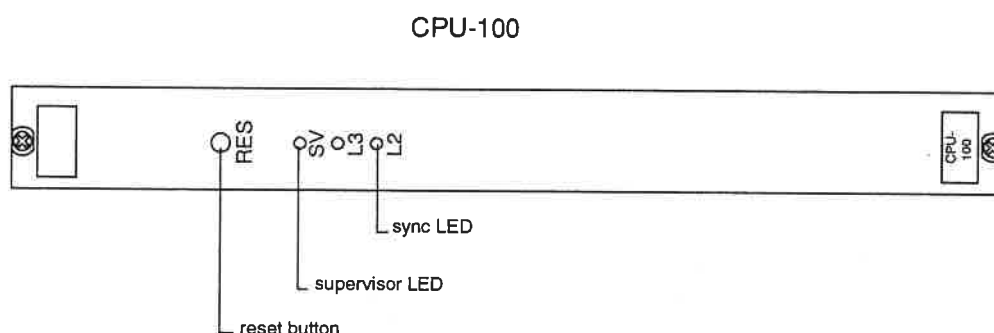


Figure 9 - CPU-100 Front Panel

LED Status

Condition	LED SV	LED L3	LED L2
Standby	ON	OFF	ON
Fluoro Exposure	ON	OFF	ON
Loss of Camera Sync During Fluoro Exposure	ON	OFF	ON
No Camera Sync During Boot-up	ON	OFF	OFF