

Carriage Motion Initializing - Image Input Terminal

Carriage Motion Initializing

Upon equipment power up or when returning from low power state, the Full-Rate Carriage (FRC) moves to its Home Position. This is 30 mm to the right of the Registration Position. The sequence of motions to get there depends entirely on where the FRC was initially. The initial position can be accurately determined by the state of the lit Registration Sensor. An On state indicates the FRC is left of the Registration Position, and an Off state indicates that the FRC is right of the Registration Position. If the FRC started left of the Registration Position, it does the following:

It moves rightward to a position 20 mm right of the Registration Position
It waits 30 msec
It moves leftward to a position 20 mm left of the Registration Position
It waits 30 msec
It moves rightward to the Home Position.

If the FRC started to the right of the Registration Position, it does the following:

1. It moves leftward to a position 20 mm left of the Registration Position. It waits 30 msec.
2. It Waits 30 msec.
3. It Moves rightward to the home position.