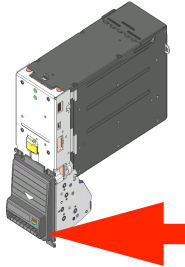


## Bill Validator – Operation Mode Diagnostics



The Kiosk's Bill Validator is equipped with a self-diagnostic feature to aid in repair and maintenance. A light is located on the face of the Bill Validator. When the power to the kiosk is turned ON, the Bill Validator begins its self-diagnostic operation. If the self-diagnostic test is passed, then the status light will turn green. If an error is detected, then the status light on the front of the Bill Validator will blink red. The number of times the red light flashes on the Bill Validator is an indication of a specific problem or malfunction. A detailed list of these errors and corrective action is provided below.

Number of status light flashes	Error description	Fault - handling
1	Cassette is removed from the bill validator	Check if cassette is correctly installed and fully seated/
2	Wrong type of sensors or no communication with sensors	Check reliability of electrical connection to processor board
3	Cassette is full	Replace the cassette with empty one or empty the cassette.
4	Mechanical jam in cassette or stacker motor failure	1. Remove the cassette from the bill validator and remove jammed bill  2. Turn power on and check stacking motor operation
5	Failure of dielectric sensors	exchange entire validator
6	Failure of optical sensors	Open the guides and clean optical sensors.
7	Failure of inductive sensors	Open the guides and clean inductive sensors.
8	Failure of transport motor	1. Open the guides and clean the bill path.  2. Remove the cassette from the bill validator and open the cover. Check mechanical and electrical connections
11	Bill pathway is not empty	Open the guides and check the condition of the bill path
12	Bill jam in entry slot of the cassette. No credit issued.	Remove the cassette from the bill validator and clean the bill path.