

### 1 Introduction

The GV1 has a bank of 8 DIP switches at the front, which are hard coded to provide interchangeable interface settings and enable or disable bill channels.

TITO	ccNet	S GI	BSCP	ccTalk	\$20	\$50	\$100
Interface				Inhibit			

### 2 DIP switch functions

#### 2.1 Interface Options

Function	DIP	DIP Switch ON (UP)	DIP Switch OFF (DOWN)
Enable/disable \$100	1	\$100 disabled	\$100 enabled
Enable/disable \$50	2	\$50 disabled	\$50 enabled
Enable/disable \$20	3	\$20 disabled	\$20 enabled
Set Interface to ccTalk <sup>(1)(2)(3)</sup>	4	Validator uses ccTalk protocol	Validator uses protocol specified in the config
Set Interface to BSCP <sup>(1)(2)</sup>	5	Validator uses BSCP protocol	Validator uses protocol specified in the config
Set Interface to SGI <sup>(1)(2)</sup>	6	Validator uses SGI protocol	Validator uses protocol specified in the config
Set Interface to ccNet <sup>(1)(2)</sup>	7	Validator uses ccNet protocol	Validator uses protocol specified in the config
Set Interface to TITO	8	Coupon reading enabled	See note below 2.2

#### 2.1.1 Notes:

1. These DIP switch settings only take effect when the GV1 is switched on. They will not change the interface once the GV1 is running. This is because once the GV1 is installed in a machine it will only use the machine specific interface.
2. If more than one interface DIP switch is ON then the GV1 will select the interface in the following order of priority: ccTalk, BSCP, SGI and ccNet
3. With the ccTalk interface option, if the DIP Switch is ON then this over-rides any setting in the validator configuration. The validator address is set to 40 and the checksum option is set to 16-bit.

#### 2.2 Barcode coupon reading (TITO)

The ST2 is fitted with a coupon sensor for reading bar coded coupons. This can be enabled or disabled. If this DIP switch is set, then the GV1 can override the ST2 setting and turn barcode coupon reading ON.

1. TITO works in conjunction with SGI and BSCP interfaces
2. If barcode coupon reading is already turned ON in the ST2, then this DIP switch has no effect.
3. If barcode coupon reading is turned OFF in the ST2, then if this DIP switch is turned ON, coupon reading is turned ON.
4. This facility is supported by ST2 firmware 1428 onwards. If the ST2 is running an earlier firmware, then the request will be ignored. The GV1 status LED will flash an error code (red, green, green, orange) but the GV1 will operate normally otherwise.
5. If the ST2 is not fitted with a barcode coupon sensor and the DIP switch is on, then the GV1 status LED will flash an error code (red, green, green, green) but the GV1 will operate normally otherwise.