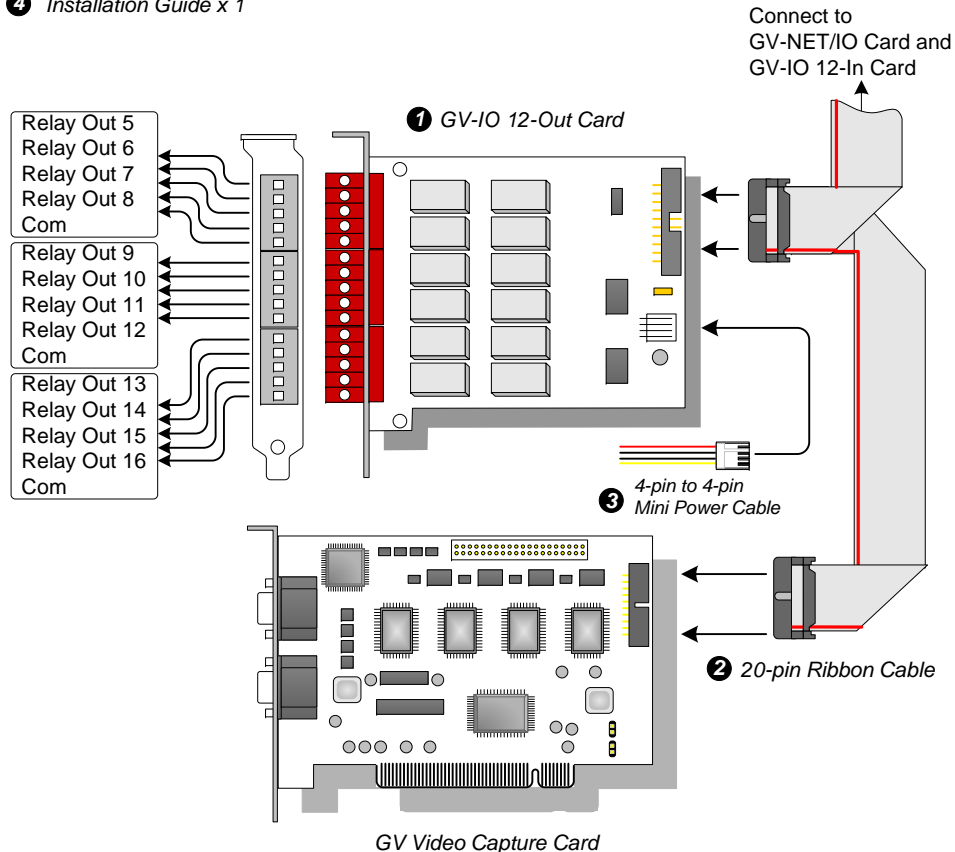# GV-IO 12-Out Card V3

With 12 relay outputs, the GV-IO 12-Out Card is designed to work with GV-NET/IO Card to provide an interface for your external devices such as alarms and gates.

Installation

Insert the GV-IO 12-Out Card to an empty card slot. Connect the 20-Pin Ribbon Cable to the GV Video Capture Card, the GV-IO 12-In Card, and the GV-NET/IO Card as shown below.

Packing List

❶ *GV-IO 12-Out Card x 1*

❷ *20-pin Ribbon Cable with 4 Connectors) x 1*

❸ *4-Pin to 4-Pin Mini Power Cable x 1*

❹ *Installation Guide x 1*

Connect to
GV-NET/IO Card and
GV-IO 12-In Card

❶ *GV-IO 12-Out Card*

Relay Out 5
Relay Out 6
Relay Out 7
Relay Out 8
Com

Relay Out 9
Relay Out 10
Relay Out 11
Relay Out 12
Com

Relay Out 13
Relay Out 14
Relay Out 15
Relay Out 16
Com

❸ *4-pin to 4-pin Mini Power Cable*

❷ *20-pin Ribbon Cable*

GV Video Capture Card

Specifications

Specifications			
OS Supported	32-bit	Windows XP / Vista / 7 / Server 2008	
	64-bit	Windows 7 / Server 2008	
Output	Relay Output	12	
	Relay Status	Normal Open	
	Relay Capacitance	USB Connection	30V DC, 3A
		RS-232 Connection	125 / 250V AC, 3A
DC IN	DC 5V, 1A		
Environmental Conditions	0~50 degree C / 32~122 Degree F 5%~95% (non-condensing)		
Compatible Card Models	All GV Video Capture Cards		
Dimensions (W x H)	120 x 99 mm / 4.72 x 3.9 in		

Note:
1. To prevent the noise interference in I/O operation, tightly screw the GV-IO 12-Out Card to the PC case.

2. The GV-IO 12-Out Card must work with the GV-NET/IO Card together.