

DB052E Programmable Smart IO BOX

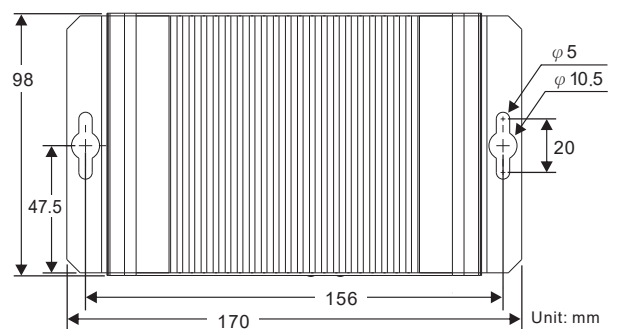
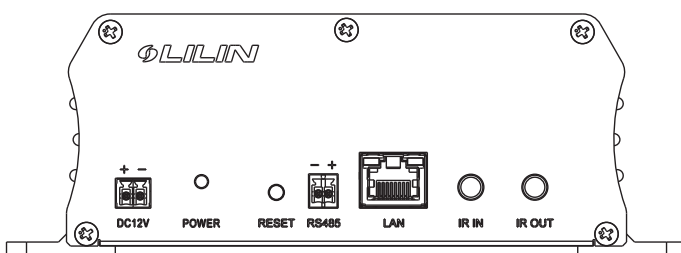


Product Feature

- ▶ Web Based GUI
- ▶ Supports 8 digital inputs, 4 MOSFETs, and 4 DC-Relays with jump switches for DI/DO mode.
- ▶ Support dry / wet contact for digital inputs.
- ▶ Support 2 hardware digital counters and 16 software virtual counters.
- ▶ Support event scheduling with holiday list.
- ▶ Support remote control IR output.
- ▶ Support digital timer for alarm outputs.
- ▶ Support CGI virtual input and HTTP Post for virtual output.
- ▶ Support meta data parsing for alarm outputs.
- ▶ Support email and FTP notification.
- ▶ Support HTTP & HTTPS
- ▶ Support PoE interface

Dimensions
170 (W) x 60 (H) x 98 (D) mm

Diagram of mounting holes:(unit in mm)



Programmable Smart IO BOX

Specifications	
Model	DB052E

IO Channels	
Digital Inputs	8
Digital Outputs	MOSFET 4 DC-Relay 4
Configurable DIOs	8 (Via jump switch DI/O mode)
COM	1
Ground	1
Isolation	3k VDC or 2k Vrms

Digital Input	
Sensor Type	Dry contact / wet contact (NPN or PNP)
Input Mode	DI / event counter / frequency
Dry Contact	Off : Open / On : Short to GND
Wet Contact (DI to COM)	Off : 0 – 3VDC / On : 10 – 30VDC
Counter Frequency	Up to 250Hz
Minimum Pulse Width	500 μ sec
Digital Filtering Time Interval	Web GUI configurable

Digital Output	
DO Mode	MOSFET Digital , N.O. / COM.
Over-Voltage Protection	45 VDC max.
Current Rating	200 mA per channel

Relay Output	
DO Mode	DC-Relay , N.O. / N.C. / COM.
Operated Voltage	24 VDC
Current Rating	1A per channel

Network	
Ethernet	10Base-T / 100Base-TX , RJ-45
Protocols	ARP / TCP/IP / UDP / HTTP / HTTPS / SMTP / FTP / DDNS / NTP / DHCP / LILIN CGI
Security	User Account , HTTPS
IR Control	Sender 1 (3.5mm Phone Jack), NEC protocol compatible Receiver 1 (3.5mm Phone Jack), NEC protocol compatible
Mounting	TS35
Wiring	I/O cable max. 14 AWG
Operating Temperature	-25°C – +50°C (-13°F – 122°F)
Storage Temperature	-25°C – +60°C (-13°F – 140°F)
Humidity	0% – 80%
Dimensions	170mm (W) x 60mm (H) x 98mm (D)
Weight	600g
Power Supply	DC12V ±10% / PoE (IEEE 802.3af compliant)
Power Consumption	DC12V, 2.2W / PoE, 2.7W

Certifications	
CE	Yes, EMI Class A
FCC	Yes, EMI Class A

WEB GUI		
I/O Status	Web GUI , Get trigger information	
Visual Series Connection	Support	
Language	English, Traditional Chinese, Simplified Chinese, Russian, Italian, Hungarian, Korean, French, Turkish, Arabic, Spanish, Japanese	
System	General	MAC address / firmware version / OS version / latest system reboot time / device name
	User	Support 10 users Bypass logon On / Off IPScan bypass logon On / Off
	Timer	Time synchronize with NTP server or with PC / Holiday list (12 items configurable)
Controls	Digital IO #1 – 16	Support 16 Inputs or 8 inputs & 8 outputs
	Global Counter #1-16	State value
	Virtual Input #1-16	State: 1 or 0
	Metadata Input	Metadata server name & metadata server IP/DNS
Network	General	Static / DHCP
	HTTP Service	Adjustable (default value 80)
	HTTPS Service	Enable / Disable (default value 443)
	DDNS	On / Off (available server name http://www.ddnsipcam.com)
Smart Event	Programmable Logics	16
	Trigger	Digital input
		Network detection
		Global counter
		Virtual input
		Metadata
	Schedule	Timer
		Holiday list
	Action	Schedule
		FTP
		SMTP
		Digital output
HTTP Post		
Global counter		
Virtual input		
Notification	Relay output	
	Timer	
	Digital input	
	FTP Service	Support 3 FTP accounts
Maintenance	SMTP	Support 5 email accounts with SSL / TLS protocol supported
	HTTP POST Service	Support 25 HTTP Post
	Firmware Update	Via Web GUI
	Export Configuration File	Via Web GUI
Maintenance	Import Configuration File	Via Web GUI
	Reboot System	Via Web GUI
	Load Default Settings	Via Web GUI