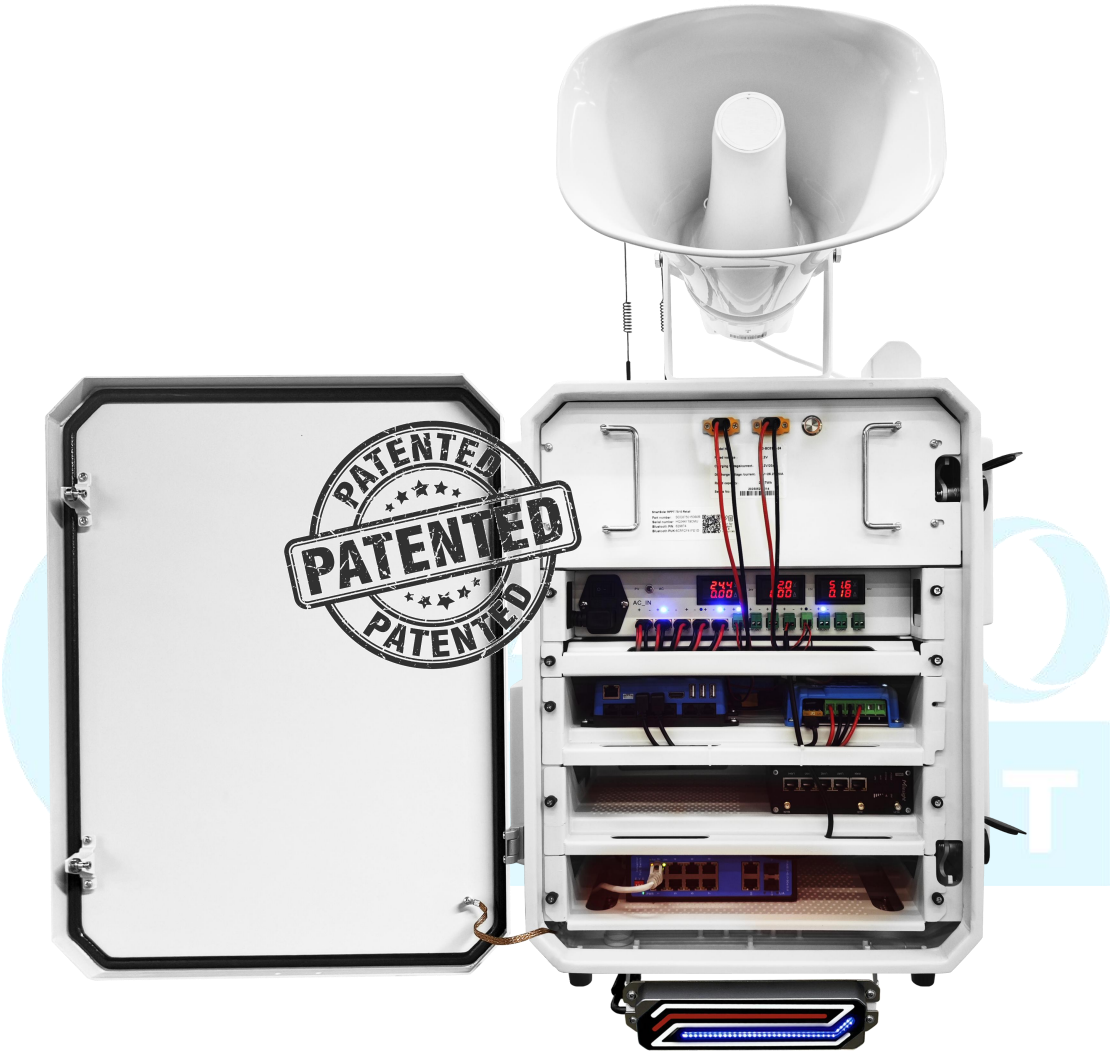
DD3-V with AC and Victron Solar(Auto Switch)

GG-DD3-VBWA-420S



Introduction

The DD3-V Smart Surveillance Power Box is designed for solar surveillance systems and also supports AC input for battery charging, with automatic switching between solar and AC power.

With the Victron system and Gago power control modules, this system supports remote monitoring of operating status and troubleshooting. **It can also remotely turn the camera on and off to troubleshooting.**

On solar power, it can run up to **4 days at 25W**, suitable for **one PTZ and two turret cameras**.
On AC power, there's **no power limit**, supporting **four or more cameras** as needed.

Ideal for **construction sites, parking lots, and commercial areas**, this box offers a flexible and reliable power solution for your outdoor surveillance system.

Contact Gago
• info@gagoelectronics.com or www.gagosmart.com

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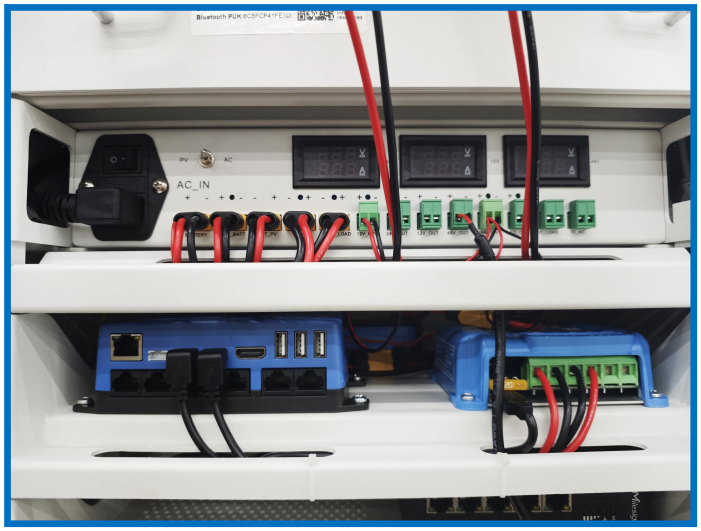

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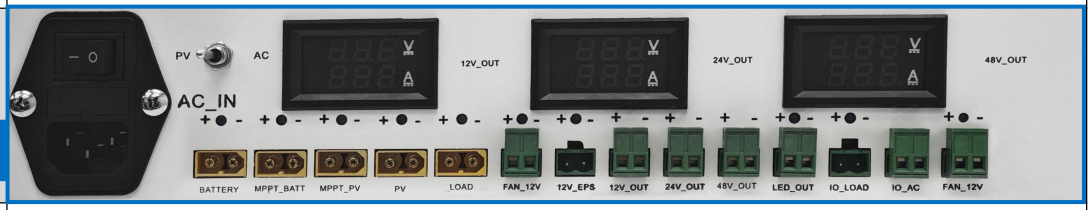
Pre-installed Electric system	
Ternary Lithium battery	24V/117Ah,total 2808Wh. Running time: 3.7 days for 25W(DOD 80%) Installed at the first layer of box ,pull-out design.
Gago compact integrated power board pre-installed electric system	
Solar system	With sockets for battery input , solar input,mppt pv input,mppt batt input,load connection
AC System	With USA standard quick connector for AC power. AC power can directly charge battery With IO AC fail alarm out.
Load system	With 4 *DC12V output power connection（two for cooling fan) With 1 *DC24V output power connection With 1 *DC48V output power connection With 1 *IO load for remotely turn on and off for load output.
Victron solar equipments	100/20 MPPT+ Cerbo GX+ Smartshunt The solar panel is client-supplied by default, with a maximum supported power of 580W. These equipment power source directly form battery.
Fourth and Fifth Layer of Box	
Spec.	Space for devices like router and poe switch. The platform is detachable. Note: 4G router need connects to 12V EPS.
Deterrence Light	
Sound AI PoE Light Siren	BRW Version. IPC device Work together with camera. 1-Blue,white,or red lights can be configured to strobe or remain steady. 2-When the camera detects an intruder, it can emit sound and strong light to deter the intruder. 3-Clients can set it to operate only at night to save power. 4-Comptitable with high lever and low lever 5-AI sound detection, like gunshot/scream.key words detection like help me.
Enclosure	
Pre-installed air ventilation	With Air supply and exhaust hole With 2 temperature controlled fan (12 V)
Pre-installed holder or hole	For antenna and speaker
Pre-installed mouting plates	For cameras. 3 *pre-made camera mounting plate
Material	Aluminum and stainless steel combined
Mount	Pole&Wall(9-25CM diameter pole is perfect)
Dimension	480Wx540Hx340D MM(Including Mount)
Whole Gross Weight	36KG(with Battery Included), 21KG without Battery(including package box and accessory bag)

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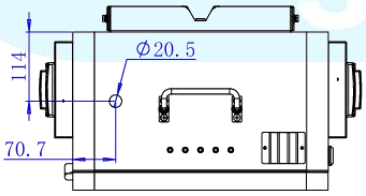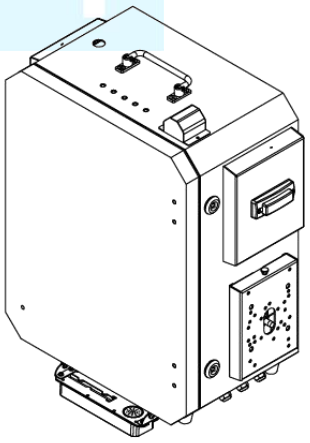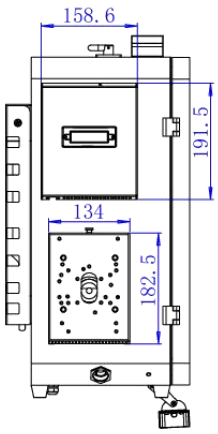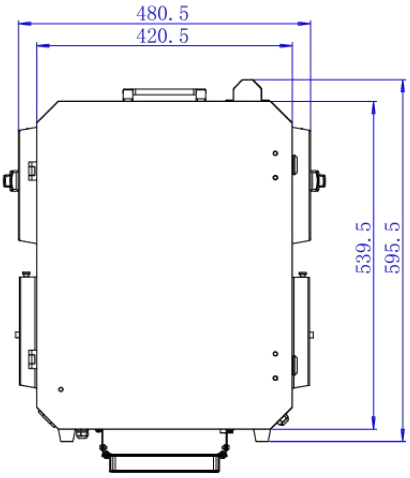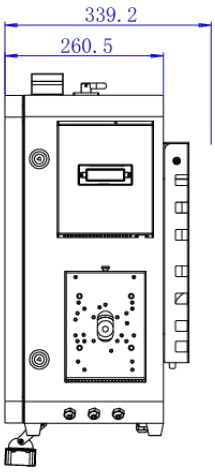
Dimension