



**BOWTek<sup>®</sup>**

# **Bow Guard**

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## **Specification**

Version: v1.0.0  
Release Date: 2023/12



# Revision History

Version No.	Revise date	Description
V1.0.0	2023-12-01	First Release

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# 1.Overview

Bow Guard, a professional broadcast control signal security equipment, launched by Bowan Technology. With innovative technologies such as one-key KiR automatic detection technology, pre-stored scene mode, main & backup switching, and manual switching. Realize automatic switching of abnormal broadcast control signals, effectively reduce the risks and losses on the event site.

## 2. Features

- 8\*DP inputs (4 Masters & 4 Backups), 16\*DVI outputs, standard resolution 2×2 splitting.
- Master & Backup switching, manual switching.
- KiR automatically detects abnormal signal in multimedia software.
- Multi-connection frames synchronization, and multiple Bow Guard are used synchronously in large events.
- Real-time monitoring of all outputs.
- Using web control instead of installing software. Not limited by operating system and operating platform.
- Pre-stored scene mode, one-click switch for multi- and single-screen.
- Support OSD image and text overlay, users can set the position of characters, background and other parameters.
- Editing the plan without affecting the real-time output.
- Seamless switching, there is no black screen, no flicker, and no jamming in the whole process.
- Real-time monitoring of hardware temperature, voltage, hardware version, running status, fan speed and other information.
- Supports online self-inspection of the device to achieve rapid location of equipment faults.

- Remote program upgrades, and the system maintenance is simple.

### 3. Dimensional View



Front Panel



Back Panel

## 4. Specification

Parameter	Description
Product name	Bow Guard
Chassis	3U
Power supply	110-240V AC, 47-63Hz, 1A
Power consumption	160W
Operating temperature	0~45°C, 0%RH ~ 80%RH, no condensation
Storage temperature	-20°C~65°C, 0%RH ~ 95%RH, no condensation
Size	482.6mm×353mm×139.5mm (L×W×H)
Net weight	15KG
Total weight	45KG