

RBCS300

Robotic Control Panel

Basic Functions		
Control Method	2 dual-axis joysticks, 2 control knobs, 2 rocker switches, 32 RGB backlit buttons	
Camera Control	8 cameras simultaneously	
Display	13-inch multi-touch screen	
Interface Types	Standard: 2× RJ45 Gigabit Ethernet, 2× USB A, 1× USB C, 2× display out, 1× 5521 power port.	
Motion Path	Quick motion point setup; automatic motion path planning; automatic acceleration/deceleration based on motion position and duration; smooth 16-point curved motion	
Lens Control	Supports full servo, semi-servo, and external servo motors	
Auto Tracking	Pan-tilt head automatically tracks the primary subject	
Safety Limits	6 types of limit settings, 12 directional limits	
Emergency Stop	Emergency stop button on the control panel	
Third-Party Control	Free standard TCP/IP control protocol	
Scene Backup	Scene file import/export/backup	
Operation Monitoring	Long-term system log recording and storage	
Motion Storage	32 programs × 16 sequences × 16 scenes = 8192 scenes	
Keyframes per Sequence	16, supporting 16-point curvilinear motion	
Scene Sequence Combination	Motion triggering at any point in sequences and scenes; free sequence combination	
Flexible Motion Control	Motion interruption with target switching; manual/auto pause; adjustable dwell time	
Loop Timing Control	Seamless continuous looping; independent loop/reverse settings for each sequence; high-precision countdown timer	
Advanced Tracking Capability	HDSDI input; CPU-based face tracking; reduced hardware dependency; improved shooting performance	
Collaborative Control	Multi-console coordinated control with priority management	
Basic Specifications		
Total Weight	4.8 kg	
Input Voltage	DC 12V	
Maximum Power	25 W	
Optional Feature	Model	Description
AI Auto Tracking	RBAI	HDSDI input from the primary camera with AI face and skeletal tracking for low-latency automatic camera tracking
Scene Composition Snapshots	RBCS300PRO	Supports scene preset composition snapshot capture

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Ordering Information

Product Model	Product Name
RBCS300	Robotic Control Panel

