

CeleroDrive (CEL X1)

Professional PTZ Camera Controller



DESCRIPTION

The Aniston CeleroDrive (CEL X1) is a professional PTZ controller designed for intuitive, reliable, and precise operation of cameras across conferencing, broadcasting, and AV production environments.

Equipped with a 4D precision joystick, 3D ergonomic knobs, and backlit silicone buttons, it enables smooth control of pan, tilt, zoom, focus, exposure, and white balance. The built-in 3-inch color LCD display provides real-time camera status and monitoring, while HDMI output supports large screen previews for multi-camera operations.

With support for up to 1000 cameras, 255 presets, and 7 customizable camera shortcuts, the CeleroDrive ensures fast switching and efficient workflow management. Its multi-protocol compatibility (VISCA, Pelco-D/P, ONVIF, NDI®|HX2) combined with PoE support and multiple interfaces (RS232, RS422/485, RJ45 LAN, HDMI) makes it ideal for AV integrators and enterprise users.

The CEL X1 combines enterprise-grade precision, ergonomic design, and scalable control, making it the perfect PTZ management hub for boardrooms, lecture halls, houses of worship, and live event venues.

FEATURES

- **4D Precision Joystick Control**

Smooth, responsive joystick enables precise control of pan, tilt, zoom, and focus, giving operators professional-grade handling across live events, conferences, and broadcast environments.

- **3D Ergonomic Knobs for Quick Adjustments**

Dedicated 3D knobs allow instant adjustment of exposure, gain, iris, and white balance, ensuring rapid fine-tuning without navigating complex menus.

- **Built-in 3" Color LCD Screen**

Integrated display provides real-time camera status, menu navigation, and monitoring, helping operators manage multiple cameras with confidence.

- **HDMI Output for Large Screen Monitoring**

Direct HDMI 4K@30fps output supports real-time preview on external displays, ideal for multi-camera setups and production workflows.

- **Multi-Camera Control with Presets**

Supports up to 1000 cameras and 255 preset positions, with 7 customizable shortcuts for quick switching between cameras in dynamic environments.

- **Backlit Professional Silicone Buttons**

Durable, tactile keys with white/red dual-color backlight ensure reliable operation even in low-light studios, auditoriums, or control rooms.

- **Protocol Versatility for Seamless Integration**

Compatible with VISCA, Pelco-D, Pelco-P, ONVIF, and NDI®|HX2 (optional), making it suitable for enterprise AV systems, broadcast studios, and hybrid installations.

- **PoE & Multiple Connectivity Options**

Equipped with RS232, RS422/485, RJ45 LAN (PoE), and HDMI, reducing cabling complexity while providing scalable integration across AV networks.

- **Customizable Function Buttons**

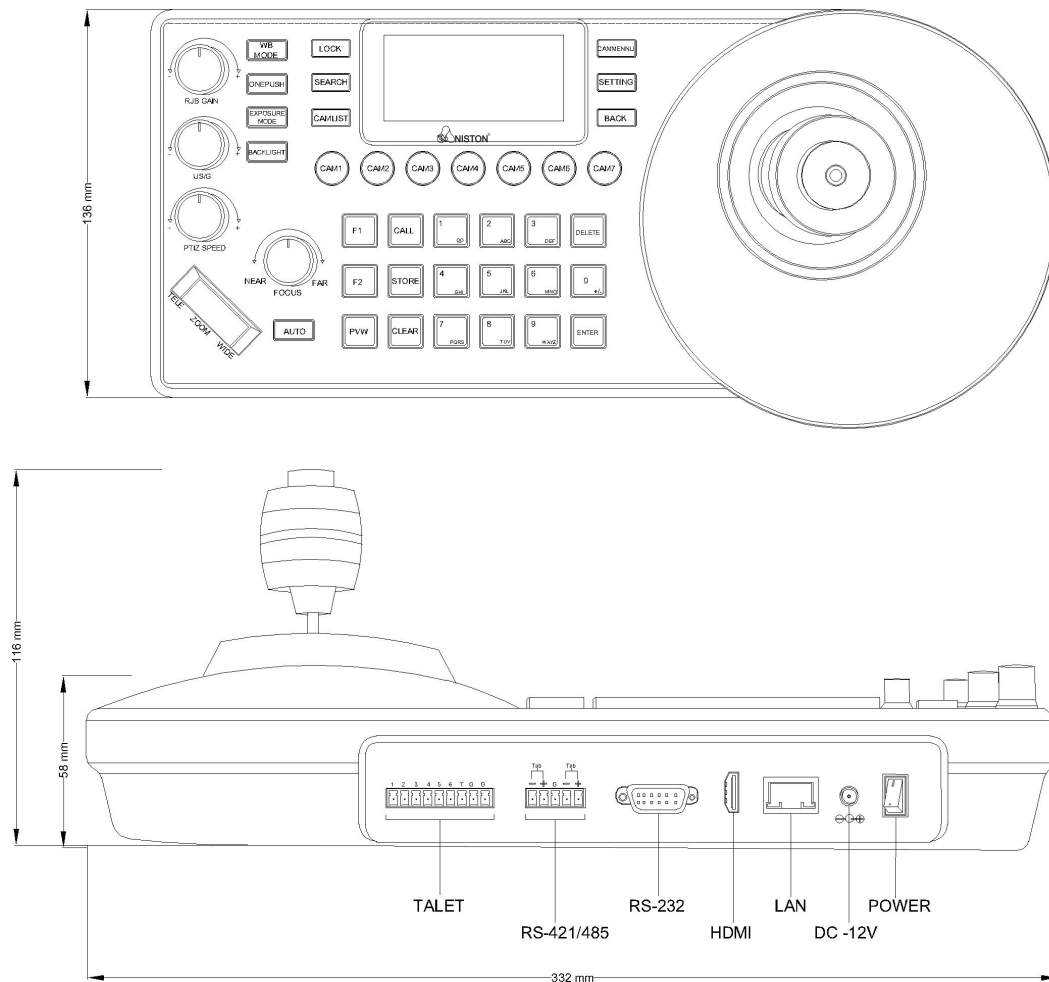
Assignable F1, F2, and PVW buttons give operators flexibility to personalize workflow controls for fast, efficient operation.

TECHNICAL SPECIFICATIONS

Model	CeleroDrive
Model Number	CEL X1
Joystick	4D precision joystick
Knobs	3D knobs for mode selection & parameter adjustment
Buttons	High-quality silicone, white/red dual backlight
Shortcut Buttons	>7 × programmable camera shortcut buttons
Custom Buttons	3 × customizable (F1, F2, PVW)
Button Lock	One-key lock supported
Max. Camera Control	Up to 1000 cameras
Preset Positions	255 presets
LCD Screen	3" color LCD display
HDMI Output	1 × HDMI (4K@30fps)
Control Interfaces	RJ45 (PoE), RS232, RS422/485
Protocols Supported	VISCA / VISCA over IP / VISCA TCP / Pelco-D / Pelco-P / ONVIF / NDI® (optional)
Tally Support	Up to 7 channels
Power Input	DC 12V / PoE (802.3af)
Power Consumption	Max 3W
Input Current	0.25A
Operating Voltage	12V DC
Operating Environment	Indoor
Operating Temperature	-10°C ~ +40°C°
Storage Temperature	-20°C ~ +60°C
Dimensions (W×D×H, w/o Joystick)	332 × 136 × 58 mm
Dimensions (W×D×H, with Joystick)	332 × 136 × 116 mm
Weight	~0.8 kg
Enclosure	Industrial-grade ABS chassis°
Display Output	HDMI (real-time preview)
Network Interface	RJ45 10/100 Ethernet (PoE enabled)
Serial Interfaces	RS232 IN/OUT, RS422/485
Audio	Beep feedback with adjustable styles
OSD Menu	Supported via LCD screen
Firmware Updates	Upgradeable via USB/Web interface
Camera Compatibility	PTZ cameras supporting VISCA, Pelco, ONVIF, NDI
Status Indicators	Multi-color LED for network/power
Multi-Camera Switching	One-touch switching between cameras
Preset Recall	Direct recall of stored PTZ positions
Exposure/Focus Control	Manual and auto control supported
White Balance	Auto/Manual adjustment via dedicated knob

Zoom Control	Joystick zoom + knob zoom precision
Security	Password-protected web interface
Application Scope	Boardrooms, Classrooms, Auditoriums, Broadcast studios
Included Accessories	Controller unit, RS232 cable, Power adapter, User manual
Compliance	CE, FCC, RoHS certified
Limited Warranty	3 years (optional extension to 5 years)

PRODUCT DIMENSION



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