SKU: PT20X-RISE-4K-BK
Model Name: PTZOptics Rise 20K
4KP60 1" 4K UHD

Rise 4k Broadcast PTZ Camera

Cinematic 4K imaging, professional broadcast connectivity and intelligent video technology made accessible to productions of every size.

Rise brings technology once reserved for high-budget broadcast studios within reach of more producers, production teams and creators. It combines cinematic image quality, professional production capabilities and the complete Horizon intelligent video experience, with intuitive tools for AI tracking, auto-framing, presets, automation, scopes and advanced color adjustment. All in an affordable, easy-to-use solution designed to integrate seamlessly into modern production workflows.

A Complete Production Camera

Rise combines cinematic 4K60 imaging and broadcast-ready connectivity with intelligent camera robotics, allowing operators to supervise more camera positions and focus on the wider production instead of managing every individual move.

Cinematic Imaging

A 1-inch, 50MP CMOS sensor, 20x optical zoom and 71° horizontal field of view deliver detailed wide shots and close-ups. Phase-detect autofocus, optical image stabilization, smooth brushless motors and a three-stage ND filter deliver sharp, polished shots with smooth, natural movement.

Broadcast-Ready Integration

Timecode, genlock, 12G-SDI, SFP+ fiber and FreeD support bring Rise into synchronized multicamera, remote and virtual production workflows. Professional XLR audio, onboard recording and dual tally lights complete the package.

Broadcast Power. Within Reach.

Category	Specification
Product Type	Broadcast PTZ Camera
Image Sensor	1-inch, 50MP CMOS sensor
Maximum Resolution	4K Ultra HD at up to 60 fps
Optical Zoom	20x
Horizontal Field of View	Approximately 70° at wideset setting
Autofocus	Phase-detect autofocus
Image Stabilization	Optical image stabilization
Exposure Control	Built-in three-stage ND filter
Pan-and-tilt System	Precision brushless DC motors
Primary Video Output	12G SDI supporting 4K60
Additional Video Outputs	3G-SDI, HDMI and USB 3.0
IP Video and Streaming	NDI, HX, RTMP, RTSP, and SFP+
Fiber Connectivity	12G-compatible SFP+
Production Synchronization	Timecode and genlock
Camera-tracking Data	FreeD support
Audio	Balanced XLR with 48V phantom power
Recording	Onboard TF card recording
Tally	Front and rear tally lights
Intelligent Features	AI auto-tracking, auto-framing, intelligent presets, and autor
Standard Camera Interface	Horizon Web
Horizon Access	Browser-based access over the same local network