

Key Features

- Fully functional, Pan-Tilt-Zoom speed dome camera designed specifically to deliver night vision performance under infrared
- 600ft active-infrared night vision (full 30fps video) when matched with dual SuperLED IR illuminators (850nm | 10°)
- Weatherproof housing suitable for harsh outdoor applications
- 470 TVL LXR CCD for outstanding spectral response to infrared illumination
- Day-night mechanical IR filter technology for vivid daytime images and exceptional performance under IR
- Wide-dynamic range capability
- Compatibility with Pelco P or Pelco D protocols
- 230x total zoom (23x optical zoom, 10x digital zoom)
- Auto video flip ensures correct image orientation
- OSD menu for easy operation and control
- Pan-Tilt speed from 0.5° to 300° per second for smooth, accurate control
- 220 presets, 4 preset tours, 4 patterns tours & 4 auto-scans
- 8 programmable privacy zone masks
- 7 alarm inputs; 2 programmable auxiliary outputs
- Built-in clock allows scheduling of camera functions
- Integrated fan and heater
- Vandal-proof design
- Beautiful traffic black finish and black internal liner

Description

The PX100 is a fully functional vandal-resistant speed dome designed for 24/7 performance when integrated with Extreme CCTV infrared illumination. Using dual SuperLED IR illuminators (850nm | 10°), the PX100 produces 600ft of night vision video at a full 30fps.

The optical core the PX100 is an LXR-type CCD with day-night mechanical filter technology, resulting in vivid daytime images and outstanding night-time performance under Extreme CCTV infrared illumination. Featuring a total zoom of 230X (23X optical and 10X digital), the camera produces 470TVL color and 550TVL monochrome images with low-smear, low-streak and excellent anti-blooming characteristics.

The PX100 delivers comprehensive speed dome functionality, offering 220 presets, 4 preset tours, 4 pattern tours and 4 auto-scans. Pan-Tilt speeds from 0.5° to 300° per second combine with variable speed zoom to produce smooth and accurate PTZ control. On-Screen-Display (OSD) provides critical information including directional orientation and zoom setting. Up to 8 privacy zones are also available to block surveillance of specific target areas such as windows, doorways or other private areas. A built-in clock can be programmed to control camera functions on a set schedule.

The PX100 features a vandal-resistant housing to ensure performance in physically abusive environments. The all-weather design is suitable for both indoor or harsh outdoor environments. A beautiful jet black finish makes the PX100 the most discreet, aesthetically appealing vandal-proof speed dome available.

When combined with Extreme CCTV infrared illuminators, the PX100 delivers outstanding speed dome performance with award-winning night vision for absolute 24/7 surveillance in day or dark.

Product Image



The PX100 (shown above with BRK-01-0001 wall mount bracket) provides high performance night vision surveillance when combined with Extreme CCTV infrared illuminators.



PX100 captures a night image from 100ft away with SuperLED infrared illumination.

Applications

- Airports
- Retail
- Transportation
- Casinos
- Prisons
- City centers
- Commercial buildings
- Industrial
- Ports
- Government buildings
- Defense
- Schools and colleges

Dealer / Distributor



Corporate Headquarters
Extreme CCTV Inc
TF: 1 888 409 2288
T: +1 604 420 7711
F: +1 604 420 3300
E: Sales@ExtremeCCTV.com
www.ExtremeCCTV.com



European Operation
Derwent Systems Ltd
A Division of Extreme CCTV (UK) Ltd
T: +44 (0) 1670 730 187
F: +44 (0) 1670 730 188
E: SalesUK@DerwentCCTV.com
www.DerwentCCTV.com

Key Features

Model	PX100MX Day-Night Speed Dome
Sensor Format	1/4" LXR CCD w/ Mechanical Filter Technology
Effective Pixel	NTSC: 768 x 494 PAL: 752 x 582
Resolution	470 TVL color 550 TVL monochrome
Daytime Sensitivity	0.08 Lux
Night-Time Sensitivity	0.013 Lux Zero Lux under infrared illumination
Day-Night Switching	Automatic
White Balance	Automatic, via controller
S/N	Greater than 50dB
Video Output	1.0 Vp-p
Scanning System	2:1 interlacing
Protocol	Pelco D standard (configurable for Pelco P)
Presets	220 configurable presets with titles
Pan Range	360° continuous
Tilt Range	90°
Preset Pan-Tilt Speed	300° per second
Manual Pan-Tilt Speed	0.5° to 160° per second
Focus and Iris	Automatic, via controller
Zoom	230x (optical 23x digital 10x)
Optical Zoom Length	3.6mm to 82.8mm
Zoom Speed	High or low
Auto-Flip	Automatic
Communication	RS-485 RS-422
Baud Rate	4800 bps
Construction	Vandal-resistant, all-weather housing
Finish	Black
Heater	Automatic start
Fan	Continuous operation
Operating Temperature	-40°C to +50°C -40°F to 122°F
Operating Humidity	< 95% relative humidity
Input Voltage	24 VAC, 50/60Hz
Power Consumption	50 W
Dimensions	308mm x 236mm 12.1" x 9.3"
Weight	3.2kg 7.0lbs

Part Number

PX100MX-N	PX100 day-night speed dome w/ mech. filter vandal-resistant, all-weather housing NTSC model
PX100MX-P	PX100 day-night speed dome w/ mech. filter vandal-resistant, all-weather housing PAL model

Optional Accessories

EXPS.010	Power supply, 120 VAC / 24 VAC, 2.5 A
BRK-01-0001	Wall mount bracket, black
BRK-01-0002	Pendant ceiling mount bracket, black
EXMB.015	Pole mount adapter, black
MC-IPN2	IP200 video web server for PTZ support

Dealer / Distributor



Corporate Headquarters
Extreme CCTV Inc
 TF: 1 888 409 2288
 T: +1 604 420 7711
 F: +1 604 420 3300
 E: Sales@ExtremeCCTV.com
 www.ExtremeCCTV.com



European Operation
Derwent Systems Ltd
 A Division of Extreme CCTV (UK) Ltd
 T: +44 (0) 1670 730 187
 F: +44 (0) 1670 730 188
 E: SalesUK@DerwentCCTV.com
 www.DerwentCCTV.com