

THE NEW POWER COUPLE

Optical technologies from Navitar and Pixelink create an unbeatable imaging solution

We've simplified the lens and camera selection process by pairing proven high-speed USB 3.0 Pixelink® industrial camera models with Navitar® high magnification imaging lens systems to meet the needs of your most demanding machine vision application.

The Resolv4K, 12X Zoom and Zoom 6000 lens systems seamlessly integrate with Pixelink CMOS cameras giving you high-resolution, low-noise digital imaging solutions backed by industry leading sales and technical support.

Pixelink *Capture* imaging software is included with every camera model making configuration a snap. Application features and functionality include:

- Integrated lens controls for zoom and focus to pair with Navitar motorized products
- Auto-focus options that integrate with Navitar motorized fine focus mechanisms
- Metrology tools for on-screen measurement of length, area, pixel location, and more

Choose a Navitar lens and Pixelink camera to create your complete imaging system today.



Pixelink Camera Models for Resolv4K Lens System

| Model | M/C | Sensor | Resolution | Sensor | FPS | Sensor Diag. | Pixel Size |
|--------------|-------|-------------|---------------------|--------|-----|--------------|------------|
| PL-D755CU-T | Color | Sony IMX250 | 2448 x 2048 (5 MP) | 2/3" | 68 | 11.1 mm | 3.4 µm |
| PL-D755MU-T | Mono | Sony IMX250 | 2448 x 2048 (5 MP) | 2/3" | 68 | 11.1 mm | 3.4 µm |
| PL-D759CU-T | Color | Sony IMX255 | 4096 x 2160 (9 MP) | 1" | 45 | 16.1 mm | 3.4 µm |
| PL-D759MU-T | Mono | Sony IMX255 | 4096 x 2160 (9 MP) | 1" | 45 | 16.1 mm | 3.4 µm |
| PL-D7512CU-T | Color | Sony IMX253 | 4096 x 3000 (12 MP) | 1.1" | 35 | 17.6 mm | 3.4 µm |
| PL-D7512MU-T | Mono | Sony IMX253 | 4096 x 3000 (12 MP) | 1.1" | 35 | 17.6 mm | 3.4 µm |

Pixelink Camera Models for 12X Zoom Lens System

| Model | M/C | Sensor | Resolution | Sensor | FPS | Sensor Diag. | Pixel Size |
|-------------|-------|-----------------|----------------------|--------|-----|--------------|------------|
| PL-D721CU-T | Color | OnSemi Vita1300 | 1280 x 1024 (1.3 MP) | 1/2" | 150 | 7.87 mm | 4.8 µm |
| PL-D721MU-T | Mono | OnSemi Vita1300 | 1280 x 1024 (1.3 MP) | 1/2" | 150 | 7.87 mm | 4.8 µm |
| PL-D755CU-T | Color | Sony IMX250 | 2448 x 2048 (5 MP) | 2/3" | 68 | 11.1 mm | 3.4 µm |
| PL-D755MU-T | Mono | Sony IMX250 | 2448 x 2048 (5 MP) | 2/3" | 68 | 11.1 mm | 3.4 µm |

Pixelink Camera Models with Zoom 6000 Lens System

| Model | M/C | Sensor | Resolution | Sensor | FPS | Sensor Diag. | Pixel Size |
|-------------|-------|-----------------|----------------------|--------|-----|--------------|------------|
| PL-D721CU-T | Color | OnSemi Vita1300 | 1280 x 1024 (1.3 MP) | 1/2" | 150 | 7.87 mm | 4.8 µm |
| PL-D721MU-T | Mono | OnSemi Vita1300 | 1280 x 1024 (1.3 MP) | 1/2" | 150 | 7.87 mm | 4.8 µm |
| PL-D755CU-T | Color | Sony IMX250 | 2448 x 2048 (5 MP) | 2/3" | 68 | 11.1 mm | 3.4 µm |
| PL-D755MU-T | Mono | Sony IMX250 | 2448 x 2048 (5 MP) | 2/3" | 68 | 11.1 mm | 3.4 µm |
| PL-D759CU-T | Color | Sony IMX255 | 4096 x 2160 (9 MP) | 1" | 45 | 16.1 mm | 3.4 µm |
| PL-D759MU-T | Mono | Sony IMX255 | 4096 x 2160 (9 MP) | 1" | 45 | 16.1 mm | 3.4 µm |

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