

# High-Definition Surveillance Solutions

TRENDNET

## IP Cameras

TRENDnet's large surveillance camera portfolio allows you to choose the solutions ideally suited for your project(s). TRENDnet cameras are available with a wide range of options including 4K support, PoE, night vision, tamper resistance, and other advanced features.

## Network Video Recorders

TRENDnet's HD NVR surveillance systems are comprehensive and cost-effective camera management solutions, allowing you to easily manage your entire surveillance network from a single interface. Navigate the intuitive interface to set live view preferences, recording schedules, and advanced playback options.

## Français:

La gamme de caméras de surveillance TRENDnet vous permet de choisir les solutions idéales pour vos projets. Les systèmes de surveillance NVR HD de TRENDnet sont des solutions de gestion de caméras complètes et économiques, vous permettant de gérer facilement l'ensemble de votre réseau de surveillance à partir d'une seule interface.

## Deutsch:

Mit dem Überwachungskamera-Portfolio von TRENDnet können Sie die für Ihre Projekte optimal geeigneten Lösungen auszuwählen. Die HD-NVR-Überwachungssysteme von TRENDnet sind umfassende und kostengünstige Kameramanagement-Lösungen, mit denen Sie Ihr gesamtes Überwachungsnetzwerk einfach über eine einzige Schnittstelle verwalten können.

## Português:

O portfólio de câmeras de vigilância da TRENDnet permite que você escolha as soluções ideais para seus projetos. Os sistemas de vigilância HD NVR da TRENDnet são soluções de gerenciamento de câmera abrangentes e econômicas, permitindo que você gerencie facilmente toda a sua rede de vigilância a partir de uma única interface.

## Español:

La gama de cámaras de vigilancia de TRENDnet le permite seleccionar las soluciones más idóneas para sus proyectos. Los sistemas de vigilancia HD NVR de TRENDnet son soluciones de administración de cámaras integrales y económicas que le permiten administrar con facilidad toda su red de vigilancia desde una sola interfaz.

# PoE Surveillance Cameras



|                   | Speed Dome   | Motorized Dome                              | Multi-Lens PTZ   | Fixed Turret                              | Fixed Dome                            |
|-------------------|--|---|--|---|---------------------------------------|
|                   | TV-IP440PI   | TV-IP420P                                   | TV-IP460PI   | TV-IP323PI                                | TV-IP410PI                            |
| Features          | 2MP HD PTZ w/ night vision   | 3MP HD motorized lens                       | 8MP HD H.265 Multi-Sensor w/ night vision              | 4MP HD H.265 fixed turret w/ night vision | Indoor 2MP HD w/ night vision         |
| Connectivity      | PoE+   | PoE   | PoE+   | PoE                                       | PoE                                   |
| Free app          | Apple® / Android™  |   |  |   |                                       |
| Free software     | Manage up to 32 TRENDnet cameras                                   |   |  |   |                                       |
| Housing           | IP66   | IP66  | IP67   | IP67                                      | Indoor                                |
| Compression       | H.264, MJPEG   | H.264, MJPEG                                | H.265+, H.265, H.264+, H.264, MJPEG                    | H.265+, H.265, H.264+, H.264, MJPEG       | H.264+, H.264, MJPEG                  |
| Max. resolution   | 1920 x 1080  | 2048 x 1536                                 | 1920 x 1080  | 2560 x 1440                               | 1920 x 1080                           |
| Image sensor      | 1/2.8" Progressive Scan CMOS                                       | 1/2.8" Progressive Scan CMOS                | Four 1/2.8" Progressive Scan CMOS                      | 1/3" Progressive Scan CMOS                | 1/2.8" CMOS                           |
| Lens              | 4.7 – 94mm @ F1.6 – 3.5  | 2.8 – 12mm @ F1.6 – F2.7                    | PTZ: 2.8 – 12mm @ F2.0 – 2.4<br>Fixed lens: 2mm @ F2.0 | 4mm @ F1.6                                | 2.8mm @ F2.0                          |
| Viewing angle     | 58.3 – 3.2° (wide-tele)  | 105 – 33.5° (wide-tele)                     | PTZ: 120 – 56.6° (wide-tele)<br>Fixed lens: 128.5°     | 78°                                       | 109.4°                                |
| Zoom              | 20x Optical, 16x digital, auto-focus                               | 4x Optical, 16x digital, auto-focus         | 4x Optical, 8x digital                                 | 4x Digital                                | User-defined zoom window              |
| Audio support     | Two-way audio<br>(audio line in/line out)                          | Two-way audio<br>(audio line in / line out) | Two-way audio<br>(audio line in/line out)              | -   | -                                     |
| Vision            | Night vision up to 100m  | 0.01 lux                                    | Night vision up to 10m radius                          | Night vision up to 30m                    | Night vision up to 10m                |
| Pan & tilt        | Endless 360°   | Motorized lens: Pan 350° and tilt 90°       | Motorized lens: Pan 350° and tilt: 90°                 | 3-axis manually adjustable mount          | Motorized lens: Pan 180° and tilt 75° |
| Network           | IPv4, IPv6   | IPv4 / IPv6                                 | IPv4, IPv6   | IPv4, IPv6                                | IPv4 / IPv6                           |
| ONVIF             | v2.2   | v2.2  | ✓  | Profile S, Profile G                      | v2.2                                  |
| Power consumption | 20W max.   | 8W max.                                     | 24W max.   | 6W max.                                   | 9W max.                               |
| Micro SD slot     | ✓ (up to 128GB)  | ✓ (up to 128GB)                             | ✓ (up to 256GB)  | ✓ (up to 128GB)                           | ✓ (up to 128GB)                       |
| Operating temp.   | -30° – 65° C (-22° – 149° F)                                       | -30° – 65° C (-22° – 149° F)                | -10° – 50° C (14° – 122° F)                            | -30° – 60° C (-22° – 140° F)              | -10° – 40° C (-14° – 104° F)          |
| Hardware          | Mounting bracket required (TV-HC400, TV-HP400, TV-HW400, TV-HN400) | Optional: TV-WL300                          | Mounting hardware included                             | Mounting hardware included                | Mounting hardware included            |
| Warranty          | 3 year   | 3 year                                      | 3 year   | 3 year                                    | 3 year                                |

# PoE Surveillance Cameras



|                   | Fixed Dome                                     |  |  |  | Fixed Dome Varifocal Lens                      |  |
|-------------------|--|--|--|--|--|--|
|                   | TV-IP319PI                                     | TV-IP317PI                                     | TV-IP315PI                                     | TV-IP327PI                                     | TV-IP345PI                                     | TV-IP341PI                                     |
| Features          | 8MP 4K UHD H.265 WDR w/ night vision           | 5MP HD H.265 WDR w/ night vision               | 4MP HD H.265 WDR w/ night vision               | 2MP HD H.265 WDR w/ night vision               | 4MP HD varifocal H.265 WDR w/ night vision     | 2MP HD varifocal w/ night vision               |
| Connectivity      | PoE  | PoE  | PoE  | PoE  | PoE  | PoE  |
| Free app          | Apple® / Android™                              |  |  |  |  |  |
| Free software     | Manage up to 32 TRENDnet cameras               |  |  |  |  |  |
| Housing           | IP67   | IP67   | IP66   | IP67   | IP67   | IP66   |
| Compression       | H.265+, H.265, H.264+, H.264, MJPEG            |  |  |  |  | H.264, MJPEG                                   |
| Max. resolution   | 3840 x 2160                                    | 2944 x 1656                                    | 2688 x 1520                                    | 1920 x 1080                                    | 2560 x 1440                                    | 1920 x 1080                                    |
| Image sensor      | 1/2.5" CMOS                                    | 1/2.9" CMOS                                    | 1/3" CMOS                                      | 1/2.8" CMOS                                    | 1/3" CMOS                                      | 1/3" CMOS                                      |
| Lens              | 2.8mm @ F1.2                                   | 2.8mm @ F1.2                                   | 4mm @ F2.0                                     | 4mm @ F1.2                                     | 2.8 – 12mm @ F1.6                              | 2.8 – 12mm @ F1.4                              |
| Viewing angle     | 102°   | 80°  | 83°  | 86°  | 98 – 28° (wide-tele)                           | 113 – 33.8° (wide-tele)                        |
| Zoom              | 4x Digital                                     | 4x Digital                                     | 4x Digital                                     | 4x Digital                                     | 4.2x Optical, 4x digital                       | 4x Digital                                     |
| Audio support     | -  | -  | -  | -  | -  | Two-way audio (audio line in / line out)       |
| Night vision      | Up to 30m (98 ft.)                             | Up to 30m (98 ft.)                             | Up to 30m (98 ft.)                             | Up to 30m (98 ft.)                             | Up to 30m (98 ft.)                             | Up to 30m (98 ft.)                             |
| Pan & tilt        | Fixed position: Manually pan 355° and tilt 75° | Fixed position: Manually pan 355° and tilt 75° | Fixed position: Manually pan 180° and tilt 75° | Fixed position: Manually pan 355° and tilt 75° | Fixed position: Manually pan 360° and tilt 90° | Fixed position: Manually pan 355° and tilt 75° |
| Network           | IPv4, IPv6                                     | IPv4, IPv6                                     | IPv4 / IPv6                                    | IPv4, IPv6                                     | IPv4 / IPv6                                    | IPv4 / IPv6                                    |
| ONVIF             | Profile S, Profile G                           | Profile S, Profile G                           | Profile S, Profile G                           | Profile S, Profile G                           | Profile S, Profile G                           | Profile S, Profile G                           |
| Power consumption | 9W max.  | 9W max.  | 5W max.  | 9W max.  | 12.9W max.                                     | 5.5W max.                                      |
| Micro SD slot     | ✓ (up to 128GB)                                | ✓ (up to 128GB)                                | ✓ (up to 128GB)                                | ✓ (up to 128GB)                                | ✓ (up to 128GB)                                | ✓ (up to 64GB)                                 |
| Operating temp.   | -30° – 60° C (-22° – 140° F)                   | -30° – 60° C (-22° – 140° F)                   | -30° – 60° C (-22° – 140° F)                   | -30° – 60° C (-22° – 140° F)                   | -30° – 60° C (-22° – 140° F)                   | -30° – 60° C (-22° – 140° F)                   |
| Hardware          | Optional: TV-WS300                             | Optional: TV-WS300                             | Optional: TV-WS300                             | Optional: TV-WS300                             | Mounting hardware included                     | Mounting hardware included                     |
| Warranty          | 3 year   | 3 year   | 3 year   | 3 year   | 3 year   | 3 year   |

# PoE Surveillance Cameras



|                   | Bullet                                 |   |                                  |                                     |                               | Bullet Varifocal Lens                      |  |
|-------------------|--|---|----------------------------------|-------------------------------------|-------------------------------|--|--|
|                   | TV-IP318PI                             | TV-IP313PI                                | TV-IP316PI                       | TV-IP314PI                          | TV-IP326PI                    | TV-IP344PI                                 | TV-IP340PI                               |
| Features          | 8MP 4K UHD H.265 WDR w/ night vision   | 5MP HD H.265 WDR w/ enhanced night vision | 5MP HD H.265 WDR w/ night vision | 4MP HD H.265 WDR w/ night vision    | 2MP H.265 WDR w/ night vision | 4MP HD varifocal H.265 WDR w/ night vision | 2MP HD varifocal w/ night vision         |
| Connectivity      | PoE                                    | PoE                                       | PoE                              | PoE                                 | PoE                           | PoE  | PoE                                      |
| Free app          | Apple® / Android™                      |   |                                  |                                     |                               |  |  |
| Free software     | Manage up to 32 TRENDnet cameras       |   |                                  |                                     |                               |  |  |
| Housing           | IP67                                   | IP67                                      | IP67                             | IP66                                | IP67                          | IP67                                       | IP66                                     |
| Compression       | H.265+, H.265, H.264+, H.264, MJPEG    |   |                                  | H.265+, H.265, H.264+, H.264, MJPEG |                               |  | H.264, MJPEG                             |
| Max. resolution   | 3840 x 2160                            | 2944 x 1656                               | 2944 x 1656                      | 2688 x 1520                         | 1920 x 1080                   | 2560 x 1440                                | 1920 x 1080                              |
| Image sensor      | 1/2.5" CMOS                            | 1/2.9" CMOS                               | 1/2.9" CMOS                      | 1/3" CMOS                           | 1/2.8" CMOS                   | 1/3" Progressive scan CMOS                 | 1/3" CMOS                                |
| Lens              | 2.8mm @ F1.2                           | 4mm @ F1.2                                | 2.8mm @ F1.2                     | 4mm @ F 2.0                         | 4mm @ F1.2                    | 2.8 – 12mm @ F1.6                          | 2.8 – 12mm @ F1.4                        |
| Viewing angle     | 102°                                   | 63.5°                                     | 81°                              | 83°                                 | 86°                           | 115 – 32°                                  | 113 – 33.8° (wide-tele)                  |
| Zoom              | 4x Digital                             | 4x Digital                                | 4x Digital                       | 4x Digital                          | 4x Digital                    | 4.2x Optical, 4x digital, auto-focus       | 4x Digital                               |
| Audio support     | -                                      | -   | -                                | -                                   | -                             | -  | Two-way audio (audio line in / line out) |
| Night vision      | Up to 30m (98 ft.)                     | Up to 80m (262 ft.)                       | Up to 30m (98 ft.)               | Up to 30m (98 ft.)                  | Up to 30m (98 ft.)            | Up to 30m (98 ft.)                         | Up to 30m (98 ft.)                       |
| Network           | IPv4, IPv6                             | IPv4, IPv6                                | IPv4, IPv6                       | IPv4 / IPv6                         | IPv4, IPv6                    | IPv4 / IPv6                                | IPv4 / IPv6                              |
| ONVIF             | Profile S, Profile G, PSIA, CGI, ISAPI |   |                                  | Profile S                           | Profile S, Profile G          | Profile S, Profile G                       | v2.2                                     |
| Power consumption | 7.5W                                   | 12.5W                                     | 7W                               | 5W max.                             | 7.5W                          | 12.9W max.                                 | 5.5W max.                                |
| Micro SD slot     | ✓ (up to 128GB)                        | ✓ (up to 128GB)                           | ✓ (up to 128GB)                  | ✓ (up to 128GB)                     | ✓ (up to 128GB)               | ✓ (up to 128GB)                            | ✓ (up to 64GB)                           |
| Operating temp.   | -30° – 60° C (-22° – 140° F)           | -30° – 60° C (-22° – 140° F)              | -30° – 60° C (-22° – 140° F)     | -30° – 60° C (-22° – 140° F)        | -30° – 60° C (-22° – 140° F)  | -20° – 60° C (-4° – 140° F)                | -30° – 60° C (-22° – 140° F)             |
| Hardware          | Mounting hardware included             |   |                                  |                                     |                               |  |  |
| Warranty          | 3 year                                 | 3 year                                    | 3 year                           | 3 year                              | 3 year                        | 3 year                                     | 3 year                                   |

# Wireless & Cloud Cameras



|                   | Wireless                         | Cloud                      |   |
|-------------------|----------------------------------|----------------------------|---|
|                   | TV-IP322WI                       | TWC-L10                    | TWC-C20                                   |
| Features          | 1.3MP HD WiFi w/ night vision    | HD WiFi light bulb cam     | Indoor 2MP HD pan & tilt                  |
| Connectivity      | WiFi N or PoE                    | WiFi / cloud               | Cloud                                     |
| Free app          | Apple® / Android™                |                            |   |
| Free software     | Manage up to 32 TRENDnet cameras |                            |   |
| Housing           | IP66                             | Light Bulb / Indoor        | Indoor                                    |
| Compression       | H.264, MJPEG                     | H.264                      | H.264                                     |
| Max. resolution   | 1280 x 960                       | 1280 x 720                 | 1920x1080                                 |
| Image sensor      | 1/3" CMOS                        | 1/4" Progressive Scan CMOS | 1/2.7" Progressive Scan CMOS              |
| Lens              | 4mm @ F2.0                       | 0.95mm @ F2.0              | 4mm @ F2.2                                |
| Viewing angle     | Horizontal: 71.6°                | 185°                       | 90°                                       |
| Zoom              | User-defined zoom window         | 1.8x Digital               | 4x Digital                                |
| Audio support     | -                                | Built-in mic and speaker   | Two-way audio<br>(audio line in/line out) |
| Vision            | Night vision up to 30m (98 ft.)  | 360 lumens, 40W            | IR filter                                 |
| Pan & tilt        | -                                | -                          | Pan 340° and tilt 120°                    |
| Network           | IPv4 / IPv6                      | IPv4, UDP, TCP             | WiFi                                      |
| Onvif             | Profile S, Profile G             | -                          | -   |
| Power consumption | 7W max.                          | 9W max.                    | 5.5W max.                                 |
| Micro SD slot     | ✓ (up to 64GB)                   | ✓ (up to 64 GB)            | ✓ (up to 128GB)                           |
| Operating temp.   | -30° – 60° C (-22° – 140° F)     | 0° – 40° C (32° – 104° F)  | -10° – 45° C (14° – 113° F)               |
| Hardware          | Mounting hardware included       | Light bulb                 | -   |
| Warranty          | 3 year                           | 2 year                     | 3 year                                    |

# NVRs & DVRs



|                    | H.265 4K NVRs  |   | DVRs   |  |
|--------------------|--|---|--|--|
|                    | TV-NVR416  | TV-NVR408                                       | TV-DVR208K                                       | TV-DVR104K                                 |
| Features           | Advanced camera viewing, recording, and playback     |   | Advanced camera viewing, recording, and playback |  |
| Channels           | 16   | 8   | 8  | 4  |
| PoE budget         | 150W   | 80W   | -  | -  |
| Hard drive         | 2 x SATA up to 6TB each                              | 2 x SATA up to 6TB each                         | 1 x SATA I/II bay up to 6TB                      | 1 x SATA I/II bay up to 6TB                |
| Video interface    | 1 x HDMI, 1 x VGA                                    | 1 x HDMI, 1 x VGA                               | 1 x HDMI, 1 x VGA                                | 1 x HDMI, 1 x VGA                          |
| USB ports          | 2 x USB 2.0  | 2 x USB 2.0                                     | 2 x USB 2.0                                      | 2 x USB 2.0                                |
| Recording time*    | Approx. one month of continuous 1080p HD recording   | Over one month of continuous 1080p HD recording | Over 3 weeks of continuous 1080p recording       | Over 4 weeks of continuous 1080p recording |
| Viewing modes      | 3 x 3, 1+7, 1+5, 2 x 2                               | 3 x 3, 1+7, 1+5, 2 x 2                          | 1 x 1, 2 x 2, 1+5, 1+7, 3 x 3                    | 1 x 1, 2 x 2                               |
| PTZ support        | ✓  | ✓   | -  | -  |
| Audio support      | ✓  | ✓   | ✓  | ✓  |
| Web GUI interface  | ✓  | ✓   | ✓  | ✓  |
| Export file type   | H.265, H.264, MPEG4                                  | H.265, H.264, MPEG4                             | H.264  | H.264                                      |
| Mobile app         | ✓  | ✓   | ✓  | ✓  |
| Included HDDs      | -  | -   | Includes 1TB HDD                                 | Includes 1TB HDD                           |
| Included camera(s) | -  | -   | 8 x Outdoor HD cameras                           | 4 x Outdoor HD cameras                     |
| Compatible cameras | Compatible with TRENDnet and third-party PoE cameras |   | 1080p HD, outdoor-ready cameras included         | 1080p HD, outdoor-ready cameras included   |
| Rackmount          | ✓  | ✓   | -  | -  |
| Warranty           | 2 year   | 2 year  | 2 year   | 2 year                                     |

\*Based on maximum camera channels and maximum storage capacity.