

Planet

Structure Cabling Systems



2025 - 2026



WELL EXPERIENCED

More than 17 years experience
in networking industry



PROFESSIONAL TEAM

We have professional sales team
to offer fast response and engineers
to support different solutions



ABUNDANT PRODUCTS

Integrated and completed
product lines
for networking and cabling items



STANDARDS COMPLIANCE

ANSI/EIA RS-310-D, IEC62-297,
DIN41494/41491,
GB/T92-3047.2/Metric & ETSI
standard

HD Camera



- **ECO HD Series**
- **Value HD Series**
- **Full Color HD Series**

Part Number **PL-CHDMN-EB2**



FEATURES:

- 1/3" CMOS Sensor
- Support Warm white (4000K), Light Distance : up to 20m
- Support OSD Menu
- Support DWDR
- Housing: Plastic

| Camera | |
|----------------------|---|
| Image Sensor | 1/3" CMOS Sensor |
| Image Resolution | 2M:1920*1080 |
| TV System | PAL/NTSC |
| Electronic Shutter | Auto |
| Minimum Illumination | Color : 0.01 lux@F2.0, 0 Lux with white light |
| Scanning System | Progressive Scan |
| Lens | |
| Focus Length | 3.6mm |
| Focus Control | Fixed |
| Lens Type | Fixed |
| Night Vision | |
| IR Cut Filter | YES |
| Infrared LED | 42μ x 2PCS |
| Light Distance | up to 20m |
| IR Status | AGC Auto Control |

Part Number PL-CHDMN-EB2

| Camera Features | |
|------------------------|-------------------------|
| Starlight | N/A |
| Day/Night | Color |
| OSD Menu | YES |
| WDR | DWDR |
| UTC | YES |
| Noise Reduction | 3DNR |
| Coaxial Audio | N/A |
| White Balance | AUTO / MANUAL |
| Gain Control | AUTO |
| General | |
| Housing | Plastic |
| Bracket | YES |
| Operation Temperature | -10°C ~ +60°C RH95% Max |
| Storage Temperature | -20°C ~ +60°C RH95% Max |
| Power Source | DC12V±10%, 450mA |
| Dimension | φ83.9* 68.8mm |
| Weight | 500g |

Part Number **PL-CHDMN-EB5**



FEATURES:

- 1/3" CMOS Sensor
- Support Warm white (4000K), Light Distance : up to 20m
- Support OSD Menu
- Support DWDR
- Housing: Plastic

| Camera | |
|----------------------|---|
| Image Sensor | 1/3" CMOS Sensor |
| Image Resolution | 5M:2592*1944 4M:2560*1440 2M:1920*1080 |
| TV System | PAL/NTSC |
| Electronic Shutter | Auto |
| Minimum Illumination | Color : 0.01 lux@F2.0, 0 Lux with white light |
| Scanning System | Progressive Scan |
| Lens | |
| Focus Length | 3.6mm |
| Focus Control | Fixed |
| Lens Type | Fixed |
| Night Vision | |
| IR Cut Filter | YES |
| Infrared LED | 42μ x 2PCS |
| Light Distance | up to 20m |
| IR Status | AGC Auto Control |

Part Number PL-CHDMN-EB5

| Camera Features | |
|------------------------|-------------------------|
| Starlight | N/A |
| Day/Night | Color |
| OSD Menu | YES |
| WDR | DWDR |
| UTC | YES |
| Noise Reduction | 3DNR |
| Coaxial Audio | N/A |
| White Balance | AUTO / MANUAL |
| Gain Control | AUTO |
| General | |
| Housing | Plastic |
| Bracket | YES |
| Operation Temperature | -10°C ~ +60°C RH95% Max |
| Storage Temperature | -20°C ~ +60°C RH95% Max |
| Power Source | DC12V±10%, 450mA |
| Dimension | φ83.9* 68.8mm |
| Weight | 152g |

Part Number PL-CHDMN-EC2



FEATURES:

- 1/3" CMOS Sensor
- Support Warm white (4000K), Light Distance : up to 20m
- Support OSD Menu
- Support DWDR
- Housing: Plastic

| Camera | |
|----------------------|---|
| Image Sensor | 1/3" CMOS Sensor |
| Image Resolution | 2M:1920*1080 |
| TV System | PAL/NTSC |
| Electronic Shutter | Auto |
| Minimum Illumination | Color : 0.01 lux@F2.0, 0 Lux with white light |
| Scanning System | Progressive Scan |
| Lens | |
| Focus Length | 3.6mm |
| Focus Control | Fixed |
| Lens Type | Fixed |
| Night Vision | |
| IR Cut Filter | YES |
| Infrared LED | 42μ x 2PCS |
| Light Distance | up to 20m |
| IR Status | AGC Auto Control |

Part Number PL-CHDMN-EC2

| Camera Features | |
|------------------------|-------------------------|
| Starlight | N/A |
| Day/Night | Color |
| OSD Menu | YES |
| WDR | DWDR |
| UTC | YES |
| Noise Reduction | 3DNR |
| Coaxial Audio | N/A |
| White Balance | AUTO / MANUAL |
| Gain Control | AUTO |
| General | |
| Housing | Plastic |
| Bracket | YES |
| Operation Temperature | -10°C ~ +60°C RH95% Max |
| Storage Temperature | -20°C ~ +60°C RH95% Max |
| Power Source | DC12V±10%, 450mA |
| Dimension | φ83.9* 68.8mm |
| Weight | 152g |

Part Number PL-CHDMN-EC5



FEATURES:

- 1/3" CMOS Sensor
- Support Warm white (4000K), Light Distance : up to 20m
- Support OSD Menu
- Support DWDR
- Housing: Plastic

| Camera | |
|----------------------|---|
| Image Sensor | 1/3" CMOS Sensor |
| Image Resolution | 5M:2592*1944 4M:2560*1440 2M:1920*1080 |
| TV System | PAL/NTSC |
| Electronic Shutter | Auto |
| Minimum Illumination | Color : 0.01 lux@F2.0, 0 Lux with white light |
| Scanning System | Progressive Scan |
| Lens | |
| Focus Length | 3.6mm |
| Focus Control | Fixed |
| Lens Type | Fixed |
| Night Vision | |
| IR Cut Filter | YES |
| Infrared LED | 42μ x 2PCS |
| Light Distance | up to 20m |
| IR Status | AGC Auto Control |

Part Number PL-CHDMN-EC5

| Camera Features | |
|------------------------|-------------------------|
| Starlight | N/A |
| Day/Night | Color |
| OSD Menu | YES |
| WDR | DWDR |
| UTC | YES |
| Noise Reduction | 3DNR |
| Coaxial Audio | N/A |
| White Balance | AUTO / MANUAL |
| Gain Control | AUTO |
| General | |
| Housing | Plastic |
| Bracket | YES |
| Operation Temperature | -10°C ~ +60°C RH95% Max |
| Storage Temperature | -20°C ~ +60°C RH95% Max |
| Power Source | DC12V±10%, 450mA |
| Dimension | φ83.9* 68.8mm |
| Weight | 152g |

Part Number **PL-CHDMN-VB2**



FEATURES:

- 1/3" CMOS Sensor
- Support Warm white (4000K), Light Distance : up to 25m
- Support OSD Menu
- Support DWDR
- Housing: Plastic

| Camera | |
|----------------------|---|
| Image Sensor | 1/3" CMOS Sensor |
| Image Resolution | 2M:1920*1080 |
| TV System | PAL/NTSC |
| Electronic Shutter | Auto |
| Minimum Illumination | Color : 0.03 lux@F2.0, 0 Lux with white light |
| Scanning System | Progressive Scan |
| Lens | |
| Focus Length | 3.6mm |
| Focus Control | Fixed |
| Lens Type | Fixed |
| Night Vision | |
| IR Cut Filter | YES |
| Infrared LED | 42μ x 2PCS |
| Light Distance | up to 25m |
| IR Status | AGC Auto Control |

Part Number PL-CHDMN-VB2

| Camera Features | |
|------------------------|-------------------------|
| Starlight | N/A |
| Day/Night | Color |
| OSD Menu | YES |
| WDR | DWDR |
| UTC | YES |
| Noise Reduction | 3DNR |
| Coaxial Audio | N/A |
| White Balance | AUTO / MANUAL |
| Gain Control | AUTO |
| General | |
| Housing | Metal + Plastic IP67 |
| Bracket | YES |
| Operation Temperature | -10°C ~ +60°C RH95% Max |
| Storage Temperature | -20°C ~ +60°C RH95% Max |
| Power Source | DC12V±10%, 450mA |
| Dimension | φ83.9* 68.8mm |
| Weight | 500g |

Part Number **PL-CHDMN-VB5**



FEATURES:

- 1/3" CMOS Sensor
- Support Warm white (4000K), Light Distance : up to 25m
- Support OSD Menu
- Support DWDR
- Housing: Plastic

| Camera | |
|----------------------|---|
| Image Sensor | 1/3" CMOS Sensor |
| Image Resolution | 5M:2592*1944 4M:2560*1440 2M:1920*1080 |
| TV System | PAL/NTSC |
| Electronic Shutter | Auto |
| Minimum Illumination | Color : 0.03 lux@F2.0, 0 Lux with white light |
| Scanning System | Progressive Scan |
| Lens | |
| Focus Length | 3.6mm |
| Focus Control | Fixed |
| Lens Type | Fixed |
| Night Vision | |
| IR Cut Filter | YES |
| Infrared LED | 42μ x 2PCS |
| Light Distance | up to 25m |
| IR Status | AGC Auto Control |

Part Number PL-CHDMN-VB2

| Camera Features | |
|------------------------|-------------------------|
| Starlight | N/A |
| Day/Night | Color |
| OSD Menu | YES |
| WDR | DWDR |
| UTC | YES |
| Noise Reduction | 3DNR |
| Coaxial Audio | N/A |
| White Balance | AUTO / MANUAL |
| Gain Control | AUTO |
| General | |
| Housing | Metal + Plastic IP67 |
| Bracket | YES |
| Operation Temperature | -10°C ~ +60°C RH95% Max |
| Storage Temperature | -20°C ~ +60°C RH95% Max |
| Power Source | DC12V±10%, 450mA |
| Dimension | φ83.9* 68.8mm |
| Weight | 500g |

Part Number **PL-CHDMN-VC2**



FEATURES:

- 1/3" CMOS Sensor
- Support Warm white (4000K), Light Distance : up to 25m
- Support OSD Menu
- Support DWDR
- Housing: Plastic

| Camera | |
|----------------------|---|
| Image Sensor | 1/3" CMOS Sensor |
| Image Resolution | 2M:1920*1080 |
| TV System | PAL/NTSC |
| Electronic Shutter | Auto |
| Minimum Illumination | Color : 0.03 lux@F2.0, 0 Lux with white light |
| Scanning System | Progressive Scan |
| Lens | |
| Focus Length | 3.6mm |
| Focus Control | Fixed |
| Lens Type | Fixed |
| Night Vision | |
| IR Cut Filter | YES |
| Infrared LED | 42μ x 2PCS |
| Light Distance | up to 25m |
| IR Status | AGC Auto Control |

Part Number PL-CHDMN-VC2

| Camera Features | |
|------------------------|-------------------------|
| Starlight | N/A |
| Day/Night | Color |
| OSD Menu | YES |
| WDR | DWDR |
| UTC | YES |
| Noise Reduction | 3DNR |
| Coaxial Audio | N/A |
| White Balance | AUTO / MANUAL |
| Gain Control | AUTO |
| General | |
| Housing | Metal + Plastic IP67 |
| Bracket | YES |
| Operation Temperature | -10°C ~ +60°C RH95% Max |
| Storage Temperature | -20°C ~ +60°C RH95% Max |
| Power Source | DC12V±10%, 450mA |
| Dimension | φ83.9* 68.8mm |
| Weight | 157g |

Part Number **PL-CHDMN-VC5**



FEATURES:

- 1/3" CMOS Sensor
- Support Warm white (4000K), Light Distance : up to 25m
- Support OSD Menu
- Support DWDR
- Housing: Plastic

| Camera | |
|----------------------|---|
| Image Sensor | 1/3" CMOS Sensor |
| Image Resolution | 5M:2592*1944 4M:2560*1440 2M:1920*1080 |
| TV System | PAL/NTSC |
| Electronic Shutter | Auto |
| Minimum Illumination | Color : 0.03 lux@F2.0, 0 Lux with white light |
| Scanning System | Progressive Scan |
| Lens | |
| Focus Length | 3.6mm |
| Focus Control | Fixed |
| Lens Type | Fixed |
| Night Vision | |
| IR Cut Filter | YES |
| Infrared LED | 42μ x 2PCS |
| Light Distance | up to 25m |
| IR Status | AGC Auto Control |

Part Number PL-CHDMN-VC2

| Camera Features | |
|------------------------|-------------------------|
| Starlight | N/A |
| Day/Night | Color |
| OSD Menu | YES |
| WDR | DWDR |
| UTC | YES |
| Noise Reduction | 3DNR |
| Coaxial Audio | N/A |
| White Balance | AUTO / MANUAL |
| Gain Control | AUTO |
| General | |
| Housing | Metal + Plastic IP67 |
| Bracket | YES |
| Operation Temperature | -10°C ~ +60°C RH95% Max |
| Storage Temperature | -20°C ~ +60°C RH95% Max |
| Power Source | DC12V±10%, 450mA |
| Dimension | φ83.9* 68.8mm |
| Weight | 157g |

Part Number **PL-CHDMO-FB2**



FEATURES:

- 1/3" CMOS Sensor
- Support Warm white (4000K), Light Distance : up to 25m
- Support OSD Menu
- Support DWDR
- Housing: Front Cover: Metal ,Back Cover: Plastic, IP67

| | |
|--------------------------|--|
| Video Output Mode | AHD/TVI: 5M@20fps/12.5fps, 4M@30fps/25fps/15fps, 2M@30fps/25fps; CVI: 4M@30fps/25fps, 2M@30fps/25fps;CVBS |
| Camera | |
| Image Sensor | 1/3" CMOS Sensor |
| Image Resolution | 5M:2592*1944 4M:2560*1440 2M:1920*1080 |
| TV System | PAL/NTSC |
| Electronic Shutter | Auto |
| Minimum Illumination | Color : 0.03 lux@F2.0, 0 Lux with white light |
| Scanning System | Progressive Scan |
| Lens | |
| Focus Length | 3.6mm |
| Focus Control | Fixed |
| Lens Type | Fixed |
| Night Vision | |
| IR Cut Filter | YES |
| Infrared LED | NO, Support Warm white (4000K) |
| Light Distance | up to 25m |
| IR Status | AGC Auto Control |

Part Number PL-CHDMO-FB2

| Camera Features | |
|------------------------|---|
| Starlight | N/A |
| Day/Night | Color |
| OSD Menu | YES |
| WDR | DWDR |
| UTC | YES |
| Noise Reduction | DNR |
| Coaxial Audio | YES(only TVI) |
| White Balance | AUTO / MANUAL |
| Gain Control | AUTO |
| General | |
| Housing | Front Cover: Metal ,Back Cover: Plastic, IP67 |
| Bracket | YES |
| Operation Temperature | -10°C ~ +60°C RH95% Max |
| Storage Temperature | -20°C ~ +60°C RH95% Max |
| Power Source | DC12V±10%, 450mA |
| Dimension | 176.6(W) x 67(H) x 70(D)mm |
| Weight | 336g |

Part Number PL-CHDMO-FB5

| Camera Features | |
|------------------------|---|
| Starlight | N/A |
| Day/Night | Color |
| OSD Menu | YES |
| WDR | DWDR |
| UTC | YES |
| Noise Reduction | DNR |
| Coaxial Audio | YES(only TVI) |
| White Balance | AUTO / MANUAL |
| Gain Control | AUTO |
| General | |
| Housing | Front Cover: Metal ,Back Cover: Plastic, IP67 |
| Bracket | YES |
| Operation Temperature | -10°C ~ +60°C RH95% Max |
| Storage Temperature | -20°C ~ +60°C RH95% Max |
| Power Source | DC12V±10%, 450mA |
| Dimension | 176.6(W) x 67(H) x 70(D)mm |
| Weight | 336g |

Part Number PL-CHDMO-FC2

| Camera Features | |
|------------------------|-------------------------|
| Starlight | N/A |
| Day/Night | Color |
| OSD Menu | YES |
| WDR | DWDR |
| UTC | YES |
| Noise Reduction | DNR |
| Coaxial Audio | YES(only TVI) |
| White Balance | AUTO / MANUAL |
| Gain Control | AUTO |
| General | |
| Housing | Metal, IP67 |
| Bracket | NO |
| Operation Temperature | -10°C ~ +60°C RH95% Max |
| Storage Temperature | -20°C ~ +60°C RH95% Max |
| Power Source | DC12V±10%, 450mA |
| Dimension | ∅ 96 x 91(H) mm |
| Weight | 600g |

Part Number PL-CHDMO-FC5



FEATURES:

- 1/2.5" CMOS sensor
- Support Warm white (4000K), Light Distance : up to 25m
- Support OSD Menu
- Support DWDR
- Housing: Metal, IP67

| | |
|----------------------|--|
| † \ U . | AHD: 8M@15fps, 5M@20fps/12.5fps, 4M@30fps/25fps/15fps, 2M@30fps/25fps; TVI: 8M@15fps/12.5fps, 5M@20fps/12.5fps, 4M@30fps/25fps/15fps, 2M@30fps/25fps; CVI: 8M@15fps/12.5fps, 4M/2M@30fps/25fps; CVBS |
| Camera | |
| Image Sensor | 1/2.5" CMOS sensor |
| Image Resolution | 8M:3840*2160 5M:2592*1944 4M:2560*1440 2M:1920*1080 |
| TV System | PAL/NTSC |
| Electronic Shutter | Auto |
| Minimum Illumination | Color : 0.03 lux@F2.0, 0 Lux with white light |
| Scanning System | Progressive Scan |
| Lens | |
| Focus Length | 3.6mm |
| Focus Control | Fixed |
| Lens Type | Fixed |
| Night Vision | |
| IR Cut Filter | YES |
| Infrared LED | NO, Support Warm white (4000K) |
| Light Distance | up to 25m |
| IR Status | AGC Auto Control |

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Part Number PL-CHDMO-FC5

| Camera Features | |
|------------------------|-------------------------|
| Starlight | N/A |
| Day/Night | Color |
| OSD Menu | YES |
| WDR | DWDR |
| UTC | YES |
| Noise Reduction | DNR |
| Coaxial Audio | YES(only TVI) |
| White Balance | AUTO / MANUAL |
| Gain Control | AUTO |
| General | |
| Housing | Metal, IP67 |
| Bracket | NO |
| Operation Temperature | -10°C ~ +60°C RH95% Max |
| Storage Temperature | -20°C ~ +60°C RH95% Max |
| Power Source | DC12V±10%, 450mA |
| Dimension | ∅ 96 x 91(H) mm |
| Weight | 600g |



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