



CQ3TN6522

**BOX CAMERA, TRUE DAY/NIGHT, WIDE DYNAMIC,
HIGH RESOLUTION (650 TVL)**

KEY FEATURES

- 1/3" format CCD
- Day/Night mode
- 650 TV Lines in day mode / 700 TV Lines in night mode
- WDR mode
- 2D/3D DNR
- Digital slow shutter up to 256x
- Motion detection
- Face detection
- Automatic lens detection
- Back focus function for easy setup
- 4 privacy zones
- Camera titles
- Mirror/reverse/flip image mode
- RS485 connection for remote programming
- Operates on 12VDC or 24VAC
- CS and C mount lens support



deView's newest release in high-resolution video. A true plug-and-play solution that takes analog video to the next level. Features include enhanced picture quality, 2D/3D digital noise reduction (DNR), wide-dynamic range, digital slow shutter, improved white balance range, motion detection and more. Offer your customers better video from start to finish with the TRUE series of high-resolution cameras.

GENERAL SPECIFICATIONS

| | |
|-----------------------|--|
| Image Picture Element | 1/3" format CCD sensor |
| Pixel Element | 960H x494V 474K pixels |
| Scanning Frequency | NTSC 2 : 1 interlace / H : 15750Hz , V : 59.94Hz |
| Operation Temperature | -10degC to 50deg C |
| Storage Temperature | -20degC to 60deg C |
| Output | BNC 75 Ohm unbalanced |
| Power operating Range | 12VDC or 24VAC |
| Power Consumption | 4.5 W Max. |
| Power Indicator | Green LED on rear |
| Lens Mount | CS / C |
| Mounting Hole | 1/4" top and bottom |

FUNCTIONAL SPECIFICATIONS

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|---------------------------|---|
| Exposure Control | Auto-iris lens/auto electronic shutter/manual electronic shutter |
| Auto Electronic Shutter | Auto luminance control 1/60 to 1/100,000 sec max |
| Manual Electronic Shutter | 8-Step; 1/60, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/10000 |
| Backlight Compensation | 6-area select and level adjustable: full, center 1, center 2, doorway 1, Doorway 2, Two-Thirds |
| Auto Iris Control | Video drive/DC drive separate output |
| Video Iris Output | 600 mV Vp-p (100 IRE video output) |
| White Balance | Auto white balance/push white/manual white balance |
| Auto White Balance | Standard range: 2500 degrees K to 9100 degrees K, Full Application range: 1800 degrees K to 18000 degrees K max |
| Manual White Balance | 1 preset, adjustable R gain and B gain |
| Day Night | Mechanizing optical low-pass filter removable (Fuzzy 30 IRE to 80 IRE) |
| Infrared Acceptance | By CCD specification (without OLPF) |
| Fuzzy Logic | Threshold low/standard/high |
| Duration Time | 5 sec, 10 sec, 20 sec, 30 sec, 60 sec |
| AGC Boost | Enhanced AGC gain to max 38dB |
| SYNC System | Internal/line lock |
| Line Lock | Phase adjust range:0 degrees to 270 degrees and Mac251; frequency range:60Hz +/- 1Hz |
| Digital Zoom | 4x |
| Digital Noise Reduction | 2D/3D DNR off/low/med/high |



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VIDEO SPECIFICATIONS

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|----------------------|--|
| Resolution | >650 TVL day mode; 700 TVL night mode |
| Minimum Illumination | 0.3lux @ F1.2 day mode; 0.04lux @F1.2 night mode |
| Video Output | 1.0Vpp 75 ohm BNC unbalanced |
| S/N | >50db |
| WDR | 54dB |
| AGC Max, Gain | 34db |
| AGC Preset Gain | 24db |
| White Clip | 120 IRE max |
| Pedestal Level | 7.5 IRE |
| SYNC Level | 40 IRE |
| Burst Level | 40 IRE |
| H Aperture | Level adjustable 0 IRE to 15 IRE (r 0.45 100 IRE video output) |
| V Aperture | Level adjustable 0 IRE to 15 IRE (r 0.45 100 IRE video output) |
| Gamma Compensation | Selectable |

FUNCTION CONTROL OR SELECTABLE SPECIFICATIONS

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|--------------------------|--|
| Synchronization | Internal/line lock selectable |
| V-Phase | 0 degrees to 270 degrees (min) |
| Exposure Control | Auto electronic shutter/manual electronic shutter/Auto-iris lens |
| Auto Electronics Shutter | Max, limit and level Adjustable |
| Manual Electronics | Shutter 8 step: 1/60, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/10000 |
| Digital Slow Shutter | up to 256X |
| Flickerless | MES 1/100sec |
| Auto-Iris Lens Driver | Video iris lens/DC iris lens |
| Lens Level Control | For both DC iris lens and video iris lens |
| Flip/Reverse | H,V, HV reverse |
| Privace Zones | 4 areas selectable |
| Backlight Compensation | 6 area select and level adjustable: Full, center 1, center 2, doorway 1, doorway 2, two-thirds |
| White Balance Control | Auto white balance/push white balance/menu white balance select |
| Auto White Balance | 1 preset, adjustable R gain and B gain |
| Menu White Balance | Auto |
| Gain Control | 15 step selectable |
| Gamma Control | 8 step selectable |
| Chroma | 15 step selectable |
| Chroma Separator | On/Off/color killer selectable |
| Day/Night | Auto, Day, Night |
| Day/Night Feature | Burst On/Off, threshold level, duration |

RELATED PRODUCTS

[BKCM206 - Mounting Bracket for Box Camera](#)

(Click above product to view Web page/specification sheet)



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