

GMC-655 Series

GMC-655N
23x Zoom, RS-232TTL, NTSC

GMC-655P
23x Zoom, RS-232TTL, PAL

GMC-655NX
23x Zoom, ExView, RS-232TTL, NTSC

GMC-655PX
23x Zoom, ExView, RS-232TTL, PAL



Built-in Optical Zoom Lens

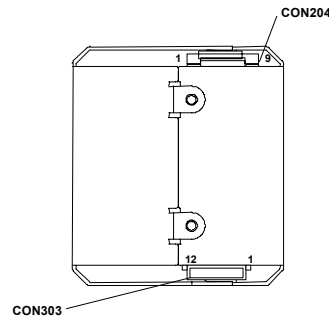
KEY FEATURES

- Built-in 23x Optical Zoom Lens (Max. 184x with digital zoom)
- High Durability of MTBF 1 M Cycles
- Excellent Auto focus tracking (Auto / One shot / Manual mode)
- Remote Control through RS232 TTL Interface
- True Color Reproduction through various White Balance Mode
- External Synchronization (VD Pulse Lock)
- 64 Position Preset
- Speed Adjustment for Zoom and Focus
- Various Picture Effect : Mirror, Negative, Monochrome, Art, Mosaic, Wide

CONNECTIONS

PIN 204 Configuration

| Pin description | I/O | Explanation |
|-----------------|-----|---|
| 1 RXD | I | For communication input from camera , CMOS level |
| 2 TXD | O | For communication output to camera , CMOS level |
| 3 GND | | Pair ground with communication |
| 4 12V IN | I | DC Power supply input, 12V±1V |
| 5 GND | | Pair ground with power supply |
| 6 VIDEO OUT | O | Composite video output, (75 ohm terminated) |
| 7 GND | | Pair ground with video output |
| 8 VD Pulse IN | I | For external synchronization , vertical sync pulse in |
| 9 GND | | Pair ground with external VD pulse input |



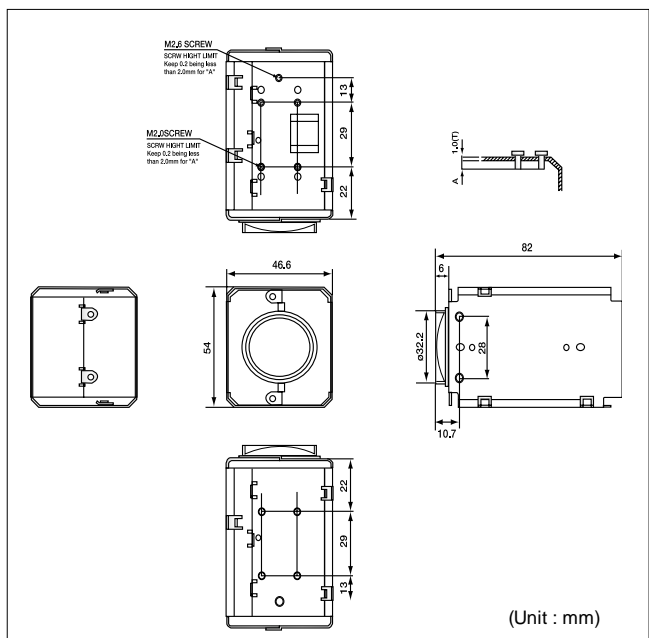
PIN303 Configuration

| PIN | Description |
|-----|-------------|
| 1 | GND |
| 2 | DC12V |
| 3 | AD_KEY 1 |
| 4 | AD_KEY 2 |
| 5 | TD (Rx/D) |
| 6 | RD (Tx/D) |
| 7 | GND |
| 8 | VIDEO_OUT |
| 9 | GND |
| 10 | Y_OUT |
| 11 | C_OUT |
| 12 | GND |

SPECIFICATIONS

| | | |
|-----------------------|---|-----------------|
| Model No. | GMC-655N | GMC-655P |
| Pick-up Device | 1/4" Sony Super HAD CCD, 410K Pixels | |
| Effective Pixels | 768(H) X 494(V) | 752(H) X 582(V) |
| Television System | NTSC, 525 TV lines, 2:1 Interlace PAL, 625 TV lines, 2:1Interlace | |
| Sync. System | Internal / External (VD pulse lock) | |
| Horizontal Resolution | 470 TV Lines | 450 TV Lines |
| Minimum Illumination | 655N/P 1.0 lx (30 IRE) | |
| Shutter Speed | 655NX/PX 0.8 lx (30 IRE) | |
| Electronic Exposure | 1/50 - 1/10,000 (28 Steps) | |
| S/N Ratio | On / Off | |
| AGC | more than 49dB (AGC Off) | |
| White Balance | High / Medium / Low | |
| BLC | ATW / AWC / Indoor / Outdoor / MWB | |
| Video Output | On / Off / Auto (5 Area Adjustable) | |
| Lens | Composite (1.0Vp-p), 75 ohms / S-VHS Output | |
| On Screen Display | Focal Length f = 3.8 ~ 87.4 mm | |
| Remote Control | Zoom rate : 23x (24x ~ 184x : 8x Digital Zoom) | |
| Power Source | F 1.6 (Wide) ~ F 3.8 (Tele) | |
| Power Consumption | On / Off | |
| Connector | RS-232C (Option RS-422, RS-485) | |
| Operating Temperature | DC12V ±1V (Constant Voltage) | |
| Storage Temperature | Max. 4.5W | |
| Operating Humidity | Video Output BNC | |
| Weight | S-VHS Output Connector | |
| Dimensions | -5°C ~ 60°C (Recommended -5°C ~ 50°C) | |
| Certification | -10°C ~ 60°C | |
| | 90% RH (non-condensing) | |
| | 230g | |
| | 54(W) x 46.6(H) x 82(D), mm | |
| | FCC (GMC-655N), CE (GMC-655P) | |

DIMENSIONS



HD-DVR

CAMERA

DOME

LENS

DVR

MONITOR & ACCESSORIES