

# 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

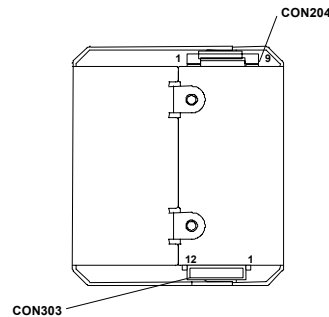
## KEY FEATURES

- 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



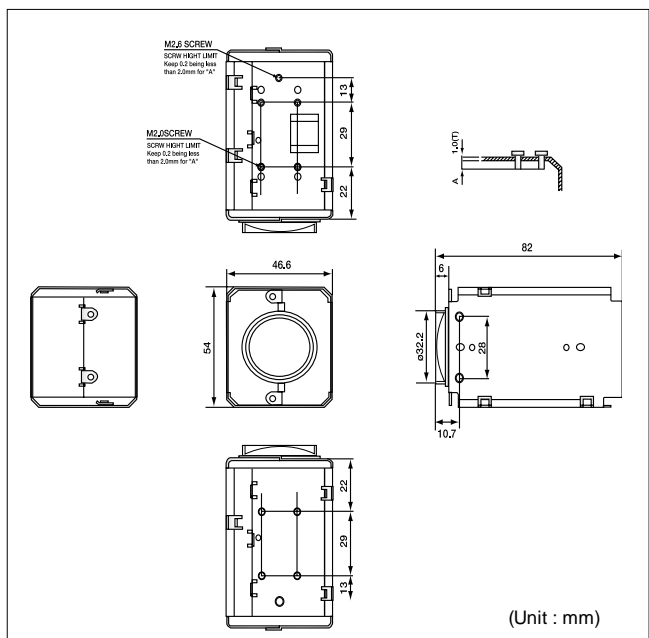
### PIN303 Configuration

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)	
Illumination	655NX/PX 0.8 lx (30 IRE)	
Shutter Speed	1/50 - 1/10,000 (28 Steps)	
Electronic Exposure	On / Off	
S/N Ratio	more than 49dB (AGC Off)	
AGC	High / Medium / Low	
White Balance	ATW / AWC / Indoor / Outdoor / MWB	
BLC	On / Off / Auto (5 Area Adjustable)	
Video Output	Composite (1.0Vp-p), 75 ohms / S-VHS Output	
Lens	Focal Length f = 3.8 ~ 87.4 mm Zoom rate : 23x (24x ~ 184x : 8x Digital Zoom) F 1.6 (Wide) ~ F 3.8 (Tele)	
On Screen Display	On / Off	
Remote Control	RS-232C (Option RS-422, RS-485)	
Power Source	DC12V ±1V (Constant Voltage)	
Power Consumption	Max. 4.5W	
Connector	Video Output BNC S-VHS Output Connector	
Operating Temperature	-5°C ~ 60°C (Recommended -5°C ~ 50°C)	
Storage Temperature	-10°C ~ 60°C	
Operating Humidity	90% RH (non-condensing)	
Weight	230g	
Dimensions	54(W) x 46.6(H) x 82(D), mm	
Certification	FCC (GMC-655N), CE (GMC-655P)	

## DIMENSIONS



HD-DVR

CAMERA

HOME

LENS

DVR

MONITOR & ACCESSORIES