

Video Insertion Generator Selection Guide

| Model Number | Video Channels | Video format/s | IRIG Decoding | IRIG Generator | Annotation | RS 232 port | Az/EI Input | Range Input | Cross Hair Fixed/movable | IEEE port | Keyboard | Internal Clock, User Settable | Non-Volatile Memory | Video Synchronizer | Video Data Encoding | Video Data Decoding | GPS Receiver | Power input | Notes |
|--------------|----------------|--------------------------|---------------|----------------|------------|-------------|---------------|---------------|--------------------------|-----------|----------|-------------------------------|---------------------|--------------------|---------------------|---------------------|--------------|-----------------------|--|
| 6055B-10 | 10 | RS 170 NTSC S-Video | Yes | No | Yes | Yes | No | No | No | No | Yes | Yes | Yes | No | Yes Edge | No | No | 100-240 VAC 50/60 Hz | Rack Mount, 2U |
| 6055B-10P | 10 | PAL/CCIR | Yes | No | Yes | Yes | No | No | No | No | Yes | Yes | Yes | No | Yes Edge | No | No | 100-240 VAC 50/60 Hz | Rack Mount, 2U |
| 6055B-6 | 6 | RS 170 NTSC S-Video | Yes | No | Yes | Yes | No | No | No | No | Yes | Yes | Yes | No | Yes edge | No | No | 100-240 VAC 50/60 Hz | Rack Mount, 2U |
| 6055B-6P | 6 | PAL/CCIR | Yes | No | Yes | Yes | No | No | No | No | Yes | Yes | Yes | No | Yes edge | No | No | 100-240 VAC 50/60 Hz | Rack Mount, 2U |
| 6055B-4 | 4 | RS 170 NTSC S-Video | Yes | No | Yes | Yes | No | No | No | No | Yes | Yes | Yes | No | Yes Edge | No | No | 100-240 VAC 50/60 Hz | Rack Mount, 2U |
| 6055B-4P | 4 | PAL/CCIR | Yes | No | Yes | Yes | No | No | No | No | Yes | Yes | Yes | No | Yes edge | No | No | 100-240 VAC 50/60 Hz | Rack Mount, 2U |
| 6055B-2 | 2 | RS 170 NTSC S-Video | Yes | No | Yes | Yes | No | No | No | No | Yes | Yes | Yes | No | Yes Edge | No | No | 100-240 VAC 50/60 Hz | Rack Mount, 2U |
| 6055B-2A | 2 | RS 170 NTSC S-Video | Yes | No | Yes | Yes | No | No | No | No | Yes | Yes | Yes | No | Yes Edge | No | No | 100-240 VAC 50/60 Hz | Rack Mount, 1U |
| 6055B-2P | 2 | PAL/CCIR | Yes | No | Yes | Yes | No | No | No | No | Yes | Yes | Yes | No | Yes edge | No | No | 100-240 VAC 50/60 Hz | Rack Mount, 2U |
| 6055B-4G | 4 | RS 170 NTSC S-Video | Yes | Yes | Yes | Yes | No | No | No | No | Yes | Yes | Yes | No | Yes Edge | No | Yes | 100-240 VAC 50/60 Hz | Rack Mount, 2U |
| 6055B-6G | 6 | RS 170 NTSC S-Video | Yes | Yes | Yes | Yes | No | No | No | No | Yes | Yes | Yes | No | Yes Edge | No | Yes | 100-240 VAC 50/60 Hz | Rack Mount, 2U |
| 6055B-6GX | 6 | RS 170 NTSC S-Video | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | Yes | Yes | No | Yes Edge | No | Yes | 100-240 VAC 50/60 Hz | Rack Mount, 2U Two 21 Bit Parallel Ports |
| 6055E | 6 | RS 170 NTSC S-Video | Yes | No | Yes | Yes | No | No | No | No | Yes | Yes | Yes | No | Yes Edge | No | No | 100-240 VAC 50/60 Hz* | Ruggedized, Vehicle mount. * Also available with DC Power input |
| 6025 | 1 | RS-170 NTSC | Yes | No | IRIG only | No | No | No | No | No | No | No | No | No | No | No | No | 9-32 VDC | Includes event insertion |
| 6095 | 3 | RS-170 NTSC | Yes | No | IRIG only | No | No | No | No | No | No | No | No | No | No | No | No | 9-32 VDC | Available with ID insertion |
| 6095A | 3 | RS 343 (875) | Yes | No | IRIG only | No | No | No | No | No | No | No | No | No | No | No | No | 9-32 VDC | Available with ID insertion |
| 6028 | 1 | RS 170 NTSC | Yes | No | Yes | Yes | Yes | Yes | Yes/Yes | Yes | Yes | Yes | Yes | No | No | No | No | 120 VAC 50/60 Hz | Joy stick FP Display |
| 6028B | 1 | RS 170 NTSC RS 343 (875) | Yes | No | Yes | Yes | Yes | Yes | Yes/Yes | Yes | Yes | Yes | Yes | No | No | No | No | 120 VAC 50/60 Hz | Joy stick FP Display |
| 6041-1 | 1 | RS-170 NTSC | Yes | No | Yes | Yes | No | No | Yes/No | No | No | No | No | No | Yes edge | No | No | 12 VDC | Ruggedized Vehicle mount |
| 6042A | 1 | RS-170 NTSC | Yes | No | Yes | Yes | No | No | Yes/Yes | No | No | No | No | No | No | Yes edge | No | 120 VAC 50/60 Hz | Vehicle mount Rack mnt avail. |
| 6115G-8V2 | 2* | RS-170 NTSC | Yes | Yes | IRIG only | Yes | No | No | No | No | No | No | Yes | No | No | No | Yes | 9-36 VDC | Ruggedized Aircraft Mount Meets SOF 4 & 6 channel units available |
| 6142A | 1 | RS-170 NTSC | No | No | Yes | Yes | No | No | Yes/Yes | No | No | No | No | No | No | Yes* | No | 100-240 VAC 50/60 Hz | *Both Scan line and edge Mouse/Trackball cntl. |
| 6170 | 4 | RS 170 NTSC S-Video | Yes | No | Yes | Yes | Yes | Yes | No | No | Yes | Yes | No | No | No | No | No | 100-240 VAC 50/400 Hz | |
| 6172 | 1 | RS-170 NTSC | Yes | No | Yes | Yes | Parallel Port | Parallel Port | Yes/No | No | Keypad | Yes | Yes | No | Yes* | No | No | 100-240 VAC 50/60 Hz | *Both Scan line and edge decoding |
| 6225C | 1 | RS 170 NTSC S-Video | No | No | No | Yes | No | No | Yes/Yes | No | No | No | Yes | No | No | No | No | 9-32 VDC | Also Inserts Field of View Box |
| 6225G | 1 | RS 170 NTSC S-Video | No | No | Yes | Yes | No | No | Yes/No | No | No | Yes | Yes | No | No | No | Yes | 9-32 VDC | Inserts UTC time. User annotation limited to 4 ID characters |
| 6225GR | 1 | RS 170 NTSC S-Video | No | No | Yes | Yes | No | No | Yes/No | No | No | Yes | Yes | No | No | No | Yes | 100-240 VAC 50/60 Hz | Inserts UTC time. User annotation limited to 4 ID characters. Rack Mount |
| 6325G | 1 | RS 170 NTSC | Yes | Yes | Yes | Yes | No | No | Yes/No | No | No | Yes | Yes | No | Yes Edge | No | Yes | 9-36 VDC | Inserts time and position Ruggedized, Vehicle mount |
| 6341 | 1 | RS 170 NTSC | No | No | No | No | Yes (Notes) | Yes (Notes) | No | No | No | No | N/A | No | Yes Scanline | No | No | 9-36 VDC | Scanline Encoder with Parallel Data Input. |
| 6980 | 1 | RS 170 NTSC | Yes | No | Yes | Yes | No | No | No | No | Yes | Yes | No | No | No | No | No | 115 VAC 50/60 Hz | Rack Mount, 1U (Replaces 9980) |