

## Time Code Generator/Reader/Translator/Synchronizer Selection Guide

| Model Number | Modulated IRIG Outputs | Demodulated IRIG Output | NASA 36 Outputs | Clock Output         | IRIG Synchronization | NASA 36 Synchronization | GPS Synchronization | 1PPS Synchronization | Video Synchronizer outputs | Video Insertion | Video Channels | GPS Position Output | Front Panel Display | Event Trigger Inputs | RS-232 Port         | Operator Settable internal Clock | Power Input                        | Notes  |
|--------------|------------------------|-------------------------|-----------------|----------------------|----------------------|-------------------------|---------------------|----------------------|----------------------------|-----------------|----------------|---------------------|---------------------|----------------------|---------------------|----------------------------------|------------------------------------|--|
| 6115         | 1 B                    | No                      | No              | No                   | Yes                  | No                      | No                  | No                   | No                         | No              | NA             | NA                  | Yes                 | No                   | No                  | Yes                              | 9-36 VDC                           | Ruggedized Vehicle Mount   |
| 6115R        | 1 B                    | No                      | No              | No                   | Yes                  | No                      | No                  | No                   | No                         | No              | NA             | NA                  | Yes                 | No                   | No                  | Yes                              | 100-250 VAC 50/60 Hz               | Rack Mount   |
| 6115A        | No                     | No                      | 1               | No                   | No                   | Yes                     | No                  | No                   | No                         | No              | NA             | NA                  | Yes                 | No                   | No                  | Yes                              | 9-36 VDC                           | Ruggedized Vehicle Mount   |
| 6115AR       | No                     | No                      | 1               | No                   | No                   | Yes                     | No                  | No                   | No                         | No              | NA             | NA                  | Yes                 | No                   | No                  | Yes                              | 100-250 VAC 50/60 Hz               | Rack Mount   |
| 6115G        | 1 B                    | No                      | No              | 1PPS                 | No                   | No                      | Yes                 | No                   | No                         | No              | NA             | No                  | Yes                 | No                   | Yes                 | Yes                              | 9-36 VDC                           | Ruggedized Vehicle Mount   |
| 6115G-3      | 5 B                    | No                      | No              | 1-1000 Selectable    | Yes                  | No                      | Yes                 | Yes                  | No                         | No              | NA             | No                  | Yes                 | No                   | Yes                 | Yes                              | 28 VDC<br>IAW MIL-STD-704          | Ruggedized Aircraft Mount<br>Ext Temp Range,<br>Meets SOF Requirements         |
| 6115G-3D     | 5 B                    | Yes<br>Excl of<br>clk   | No              | 1-100<br>Selectable  | Yes                  | No                      | Yes                 | Yes                  | No                         | No              | NA             | No                  | Yes                 | No                   | Yes                 | Yes                              | 28 VDC<br>IAW MIL-STD-704          | Ruggedized Aircraft Mount,<br>Ext Temp Range,<br>Meets SOF Requirements        |
| 6115G-3R     | 5 B                    | 1                       | No              | 1-1000<br>Selectable | Yes                  | No                      | Yes                 | Yes                  | No                         | No              | NA             | No                  | Yes                 | No                   | Yes                 | Yes                              | 100-250 VAC 50/60 Hz               | Rack Mount   |
| 6115G-8      | 1 B                    | No                      | No              | 1PPS                 | No                   | No                      | Yes                 | No                   | No                         | No              | NA             | Yes                 | No                  | 1                    | Yes                 | No                               | 9-36 VDC                           | Ruggedized Aircraft Mount<br>Meets SOF Requirements                            |
| 6115G-8V2    | 1 B                    | No                      | No              | 1PPS                 | No                   | No                      | Yes                 | No                   | No                         | Yes             | 2              | Yes                 | No                  | 1                    | Yes                 | No                               | 9-36 VDC                           | Ruggedized Aircraft Mount<br>Meets SOF Requirements                            |
| 6115G-8V4    | 1 B                    | No                      | No              | 1PPS                 | No                   | No                      | Yes                 | No                   | No                         | Yes             | 4              | Yes                 | No                  | 1                    | Yes                 | No                               | 9-36 VDC                           | Ruggedized Aircraft Mount<br>Meets SOF Requirements                            |
| 6115G-8V6    | 1 B                    | No                      | No              | 1PPS                 | No                   | No                      | Yes                 | No                   | No                         | Yes             | 6              | Yes                 | No                  | 1                    | Yes                 | No                               | 9-36 VDC                           | Ruggedized Aircraft Mount<br>Meets SOF Requirements                            |
| 6115G-8S     | 2 B                    | 2 B<br>RS-422           | No              | 1PPS                 | Yes                  | No                      | Yes                 | No                   | No                         | No              | NA             | Yes                 | No                  | 1                    | Yes                 | No                               | 9-36 VDC                           | Ruggedized Aircraft Mount<br>Meets Mil-STDs 461 & 810                          |
| 6115G-8SA    | 3 B                    | No                      | No              | 1PPS                 | Yes                  | No                      | Yes                 | No                   | No                         | No              | NA             | Yes                 | No                  | 1                    | Yes                 | No                               | 9-36 VDC                           | Ruggedized Aircraft Mount<br>Meets Mil-STDs 461 & 810                          |
| 6115-9D      | 3B                     | 3A                      | No              | No                   | Yes                  | No                      | No                  | No                   | No                         | No              | NA             | No                  | Yes                 | No                   | No                  | No                               | 9-36 VDC                           | Ruggedized Vehicle Mount<br>(Rack Mount version available)                     |
| 6115SC       | A,B,E,G                | 5 Slow<br>Code          | No              | No                   | Yes                  | No                      | No                  | No                   | No                         | No              | NA             | No                  | Yes                 | No                   | Yes                 | Yes                              | 100-250 VAC 50/60 Hz               | Rack Mount<br>1 sec, 5 sec, 10 sec, 30 sec and 60 sec<br>slow code outputs     |
| 6115G-TSM    | 1 B                    | No                      | No              | 1Hz -<br>10MHz       | No                   | No                      | Yes                 | No                   | No                         | No              | NA             | No                  | Yes                 | 6                    | No<br>(See<br>note) | Yes                              | 100-250 VAC 50/60 Hz               | Rack Mount<br>Has 10/100 Ethernet port   |
| 6140         | 1 B                    | No                      | No              | 1PPS                 | Yes                  | No                      | No                  | No                   | Yes*                       | No              | NA             | NA                  | No                  | No                   | Yes                 | Via 232                          | 9-36 VDC                           | Video Sync out: Comp. RS170, NTSC<br>& Vert Sync                               |
| 6140A        | 1 B                    | No                      | No              | 1PPS                 | Yes                  | No                      | Yes                 | No                   | Yes*                       | No              | NA             | No                  | No                  | No                   | Yes                 | Via 232                          | 9-36VDC                            | Video Sync out: Comp. RS170, NTSC<br>& Vert Sync                               |
| 6155E        | 1 B                    | No                      | No              | UTC<br>TM            | No                   | No                      | Yes                 | No                   | No                         | No              | NA             | Yes                 | Yes                 | No                   | Yes                 | No                               | Internal Rechargeable<br>Batteries | Hand Held,<br>Internal Battery Charger   |
| 6215GR       | 1 B                    | No                      | No              | 1PPS                 | No                   | No                      | Yes                 | No                   | No                         | Yes             | 1              | No                  | Yes                 | No                   | Yes                 | Yes                              | 100-250 VAC 50/60 Hz               | Rack Mount   |
| 6315GR       | 1 B                    | No                      | No              | 1PPS                 | No                   | No                      | Yes                 | No                   | No                         | Yes             | 3              | No                  | Yes                 | No                   | Yes                 | Yes                              | 100-250 VAC 50/60 Hz               | Rack Mount   |
| 6325G        | 1 B                    | No                      | No              | 1PPS                 | Yes                  | No                      | Yes                 | No                   | No                         | Yes             | 1              | Yes                 | Yes                 | No                   | Yes                 | Yes                              | 9-36VDC                            | Ruggedized Vehicle Mount<br>Inserts Latitude, Longitude and user<br>annotation |
| 6415GR       | 1 B                    | No                      | No              | 1PPS                 | No                   | No                      | Yes                 | No                   | No                         | Yes             | 2              | No                  | Yes                 | No                   | Yes                 | Yes                              | 100-250 VAC 50/60 Hz               | Has event input Port,<br>Rack Mount  |