











Uniclass
L7626
Sept 2009

**MSF/GPS Clock Video Time,
Date, Character Generator**
RTG300 Series

-  **Time and date accuracy beyond question GPS or MSF RX**
-  **Burns time, date and text onto live and recorded video**
-  **No requirement for operator adjustment**
-  **No need to adjust for BST or leap year**
-  **“Speaking policeman” audio time/date option**
-  **Master/slave facility**
-  **Multiple video outputs**
-  **12VDC option for mobile applications**

Video recordings are increasingly being used evidentially in court. An incorrect or non-existent time/date stamp on CCTV footage of an event may serve to contradict a claim that an event occurred at a specific time and place.

It may also be necessary to collate video evidence from a number of different CCTV systems. If each system's time stamp is different, it will be more difficult to follow the sequence of events.

ClearView Communications have developed a sophisticated series of time/date generators (TDG) intended to overcome some of these problems.

A time/date signal of indisputable accuracy is transmitted from GPS satellites. The RTG300 system burns this time/date signal onto video pictures which may be viewed live and recorded. The RTG300 series may be used in master/slave mode where all TDGs in the system obtain their time source from the same source generator.

An audio "speaking policeman" output is also available should a spoken time and date signal need to be recorded. An RS232 output is also available for synchronisation of DVRs or networked computers. The RTG300 series is of a digital design for the highest reliability and quality. Programming includes white or black characters, position on screen, time/date format and alpha-numeric text identification.



Technical Specifications

Video inputs (1)	1 Volt p-t-p
Video outputs (4)	1 Volt p-t-p
Power	12vDC(240vAC adapter supplied)
Battery back-up	90 days
Date	DD-MM-YY (MM-DD-YY option)
Time	HH-MM-SS
Title	8 Characters
Time/date/title format	Time, horizontal position
Audio output	Line or microphone level

XLR Pin Connections

Pin 1 – Screen
Pin 2 – Signal
Pin 3 – +5vDC
Pin 4 – No Connection

RTG300 Series

RTM301	Standard time generator with 90 day battery back-up
RTM302	Master time generator with in-built slave channel and sync. outputs for additional slave units
RTM303	Time generator with MSF or GPS receiver
RTM304	Time generator with MSF or GPS receiver with in-built slave channel
RTA306	Standard time generator with "speaking clock" output
RTA307	Time generator with MSF or GPS receiver and "speaking clock" output
RTS311	Single channel slave time generator
RTS312	Dual channel time generator
RTM316	16 channel time generator