

	TCR180PEX <sup>NEW</sup>	TCR170PEX <sup>EOL</sup>	TCR180PEX-EL <sup>NEW</sup>	TCR511PEX <sup>EOL</sup>
<b>Input ports</b>				
Time Code AM Receiver	☒	☒	☒	☒
Time Code DCLS Receiver	☒	☒	☒	☒
Time Code DCLS FO (optional) <sup>(1)</sup>	☒	☒	☒	--
User Capture	☒	☒	☒	--
<b>Output ports</b>				
Time Code AM Generator	☒	☒	--	--
Time Code DCLS Generator	☒	☒	--	--
Time Code DCLS FO (optional) <sup>(2)</sup>	☒	☒	--	--
Time Code DCLS RS422	☒	☒	--	--
Synthesizer sine	☒	☒	--	--
Synthesizer TTL	☒ <sup>(3)</sup>	☒	--	--
10 MHz TTL	☒	☒	☒	--
Programmable Pulse (PPO)	☒	☒	-- <sup>(4)</sup>	-- <sup>(4)</sup>
<b>Serial ports</b>				
RS232	☒	☒	☒	☒
<b>Supported Time Codes</b>				
IRIG-A002 / A132	☒	☒	☒	☒
IRIG-A003 / A133	☒	☒	☒	☒
IRIG-A006 / A136	☒	--	☒	--
IRIG-A007 / A137	☒	--	☒	--
IRIG-B002 / B122	☒	☒	☒	☒
IRIG-B003 / B123	☒	☒	☒	☒
IRIG-B006 / B126	☒	☒	☒	☒
IRIG-B007 / B127	☒	☒	☒	☒
IRIG-G002 / G142	☒	--	☒	--
IRIG-G006 / G146	☒	--	☒	--
AFNOR NF S87-500	☒	☒	☒	☒
IEEE 1344	☒	☒	☒	☒
IEEE C37.118	☒	☒	☒	☒
<b>Master oscillator</b>				
TCXO	☒	☒	☒	-- <sup>(5)</sup>
OCXO	☒	☒	--	-- <sup>(5)</sup>
<b>Accuracy of time base</b>	<b>±250 ns</b>	<b>±5 µs</b>	<b>±750 ns</b>	<b>±5 µs</b>

## Notes:

- (1) The optional FO input port replaces the time code AM input BNC connector.
- (2) The optional FO output port replaces the time code AM output BNC connector.
- (3) Synthesizer output available on programmable pulse output (PPO).
- (4) Fix pulse output PPS (TTL or RS232) and PPM (TTL) on D-Sub connector.
- (5) TCR511PEX 10 MHz reference frequency generated by on-board quartz.