The TSD-100 analyzes an MPEG-2 transport stream to identify occurrences of selected components. For example, when SCTE-35 triggers are carried in operator specified PIDs, the TSD-100 can simply use the presence of these PIDs or use the splice commands contained within, to assert a GPI/O output to alert an operator or downstream equipment to the occurrence of the SCTE-35 trigger.

The TSD-100 provides a number of innovative tools to simplify your workflow. For example:

- In "SCTE-35 trigger" mode, GPI/O outputs are controlled by splice-insert commands.
- In "PID detected" mode, each GPI/O output is triggered by the arrival of a transport stream packet with the selected PID, and is then negated after a user-specified timeout.
- Each GPI/O output has an associated user-specified timeout. This lets you control the duration of the output pulse to meet your system requirements.
- Each GPI/O output can indicate either the presence or the absence of the specified PID.

**Key Features**

- Detect selected components of an MPEG-2 Transport Stream:
  - Digital Program Insertion Triggers (notification of splice points) (SCTE-35)
  - User-defined data / triggers

- Transport Stream Detector
  - Detect and monitor up to 8 PIDs assigned to SCTE-35 triggers and signal external devices with GPI/O.

- Rear Module Suffix (ex: [model]-R2)
  - R2D Rear Module w/ Dry Contact Relays for TSD-100

- Ordering Information

<table>
<thead>
<tr>
<th>Transport Stream Detector</th>
<th>TSD-100 Transport Stream Detector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rear Module Suffix (ex: [model]-R2)</td>
<td>Rear Module w/ Dry Contact Relays for TSD-100</td>
</tr>
</tbody>
</table>