

## Surface Equipment & Software

During logging operations Signum Instruments' MicroSlim technology collects downhole data that is then sent up-hole through the Interface Panel and recorded via the SignumLab software. During memory operations, Signum's Intelligent Depth Tracker (iDT) enables the user to record the drilling rig's measured bit depth against time as drill-pipe is tripped out of the hole. Merging this information with the recorded downhole data results in a log presented in standard format.

### Signum Instruments' Interface Panel (SIIP):

The SIIP is a small 2U panel which allows the user to directly interface with the downhole tools and wireline. Eight removable banana plugs provide direct access to conductors for easy continuity testing, while a selectable switch offers easy change-over from several modes including log, external power, mono conductor, safe, and test.



### Intelligent Depth Tracker (iDT):

IDT is composed of a depth tracking box, rotary encoder, and deadline hook load sensor. Upon calibration the software will record bit depth, hook load, block height, and ROT. If preferred and/or available, WITS connections allow the user to plug directly into the rig's Pason, Totco, or third-party depth tracking computer.

#### APPLICATION:

- Use for memory logging services
- Time based depth recording
- Easy to use software

#### MECHANICAL:

HEIGHT	10 in. (25.4cm)
WIDTH	8 in. (20.3cm)
DEPTH	6-3/4 in. (17.1cm)
POWER	110 V
MEMORY CAPACITY	User Supplied USB

