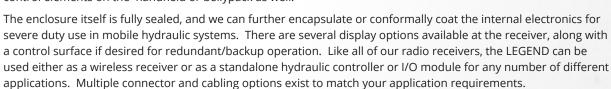
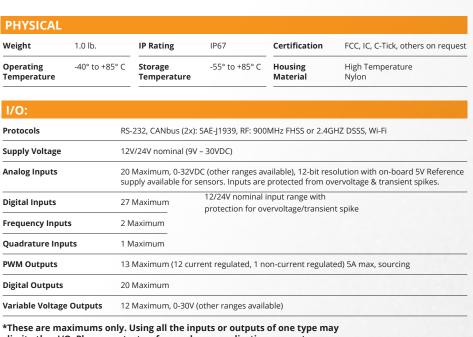
EGENI

RADIO RECEIVER

Our LEGEND is our new state of the art radio receiver, now totally user-programmable using the CoDeSys platform. We've taken the core circuitry that we've had in the field, proven day after day for nearly twenty years, and built an entirely new feature-set around it. 35 input/output pins that can be configured in many different ways, dual CAN (normally [1939), a processor that runs at over 100MHz, loads of memory (and a real-time clock) for datalogging, huge flexibility to run nearly any of our RF modules, and an expansion port for connection to some really neat bleeding-edge technologies only available to our OEM partners.

We've implemented the CoDeSys runtime on several versions of the LEGEND receiver, so that the LEGEND is freely programmable, with the programming environment available as a free download. There are no additional costs past the receiver hardware! Programming can be done in several different methods: structured text, function block diagram, ladder diagram, etc—it's IEC 61131-3 compliant, making it a true wireless PLC. As far as we know, that makes it the first user-programmable radio control system in the mobile hydraulic market! It can be designed with any of our radio transmitters, and has full two-way built in - your software at the receiver can control elements on the handheld or bellypack as well.

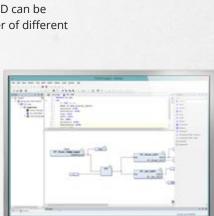




*These are maximums only. Using all the inputs or outputs of one type ma	y
limit other I/O. Please contact us for no-charge application support.	

WIRELESS:		

Frequency	900MHz FHSS, 2.4GHz DSSS with powers up to 100mW	
Onerating Pange	Up to 300ft 1 000ft or 2 500ft (nominal)	



CoDeSys Software

