

# Purchasing scenarios for the next DIRC bar box shipment

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# Camera system

- Switches: 2 more (+ cabling), ~\$100 a piece
- Cameras: 6 more (+ mounting and/or cabling)  
(Greg knows the price)
- Spares?

# LORD Sensors

Each unit is \$500~\$550

- Accelerometer: 4 per box (2 on bar box, 1 on inner crate, 1 on outer crate)
- ADC unit: proposing 1 per box
- Base station: 0 if at 128Hz, 3 if at 256Hz
- Spares?

# LORD Sensors Summary

	ADC Unit	Accelerometers	Base stations	Sampling Rate	Total # of units	Estimated cost
Scenario #1	2	4	0	128 Hz	6	\$3000~ \$3300
Scenario #2	2	4	3	256 Hz	9	\$4500~ \$4950

# Gas system – updated just now

No additional parts needed.

# Gas system

If one shared large inflow to 3 crates, then:

- 2 additional differential pressure sensors for bar box (1 per box)
- 1 additional air spring pressure sensor (1 per box, already have 2, ~\$500 a piece)