

Multi-Purpose Benthic Observation System
Single Housing & Cu/Eth Tether Option 11-18-2016

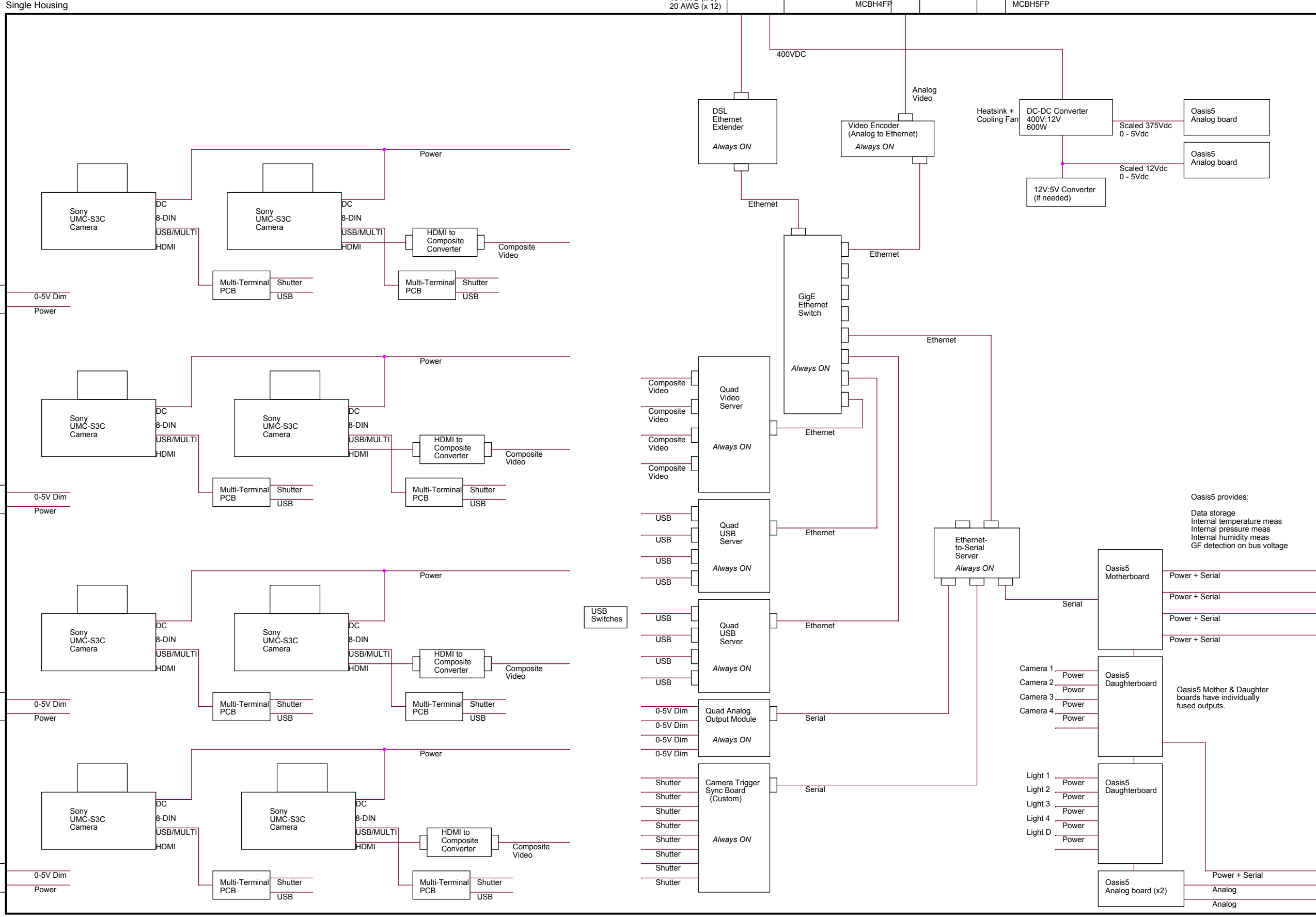
Tether - Xtreme-CAT
PN# FMXCAT51610K24
Cat 5e Twisted Pairs 24 AWG (x4)
16 AWG (x10)
or
PN# FMXCAT51606K24
Cat 5e Twisted Pairs 24 AWG (x4)
16 AWG (x6)

DSP&L
Nano SeaCam
Always ON
To Downward Looking Camera
To Downward Looking Light

Light 1-4,D options:
DSP&L Sphere 100 Series: SLS-3100 (3700 lumens, 47W)
DSP&L Sphere 150 Series: SLS-3150 (5000 lumens, 47W)
(Both: 12Vdc and 0-5V Dimming)

Top Side Control:
Cameras On/Off
Cameras Record
Lights On/Off
Lights Dim

Top Side Monitoring:
Downward Looking Camera
Cameras 1-4
375V and 12V Monitor
Environmental Data



USB Switches

Oasis5 provides:
Data storage
Internal temperature meas
Internal pressure meas
Internal humidity meas
GF detection on bus voltage

Oasis5 Mother & Daughter boards have individually fused outputs.

MCBH4F (x4)

MCBH6F

Heading
Temp
Pressure