ACQUISITION GUIDER BOX

37 D-SUB

APOGEE CAMERA

DB37

Y-AXIS (PT02SE)

X-AXIS (PT02SE)

K J H G F E D C B A

DIGIPORT SVR

1

2 X-STAGE

3 Y-STAGE

5 A-FOCUS

4 CAMERA

6 V-FOCUS

7 NEWPORT

CG-4

RED 4 TX
GRN 5 RX
YEL 6 GND

POWER

ETHERNET

RTN -12V 5V +12V RTN

RJ45 TO CASS

RJ45 TO NEWPORT CONTROL BOX

DB-5/2

JH2

A-FOCUS ANIMATICS

RX 4 GRN
TX 3 RED
GND 5 YEL

DB-9

A-FOCUS NEAT STAGE

5V 1 (BLK)
L+ 2 (BRN)
L- 3 (RED)
GND 5 (YEL)

CG3

1 5V LT
3 L+ I/O
3 L- RT
2 GND I/O

48V A1 RED
GND A2 BLK

CAMERA ANIMATICS

RX 4 GRN
TX 3 RED
GND 5 YEL

C-FOCUS NEAT STAGE

5V 1 (BLK)
L+ 2 (BRN)
L- 3 (RED)
GND 5 (YEL)

JH2-1 RED
JH2-2 GRN
JH2-3 YEL

CG-3

4700UF25V

GRN JH1-23 TO SHTR

JH1-24 BLK FROM SHTR

39 OHM 2W

GND

15VDC

SHUTTER CIRCUIT/SIXNET DO-DC1 (SEE BELOW)

DB-5/2

JH1

V-FOCUS ANIMATICS

RX 4 GRN
TX 3 RED
GND 5 YEL

V-FOCUS NEAT STAGE

5V 1 (BLK)
L+ 2 (BRN)
L- 3 (RED)
GND 5 (YEL)

JH1-1 RED
JH1-2 GRN
JH1-3 YEL

CG-2

3.3V PS

3V GND A/C

12V PS

12V GND A/C

4700UF

39 OHM 2W

GND 1 SIXNET DO-DC1-08-U SHUTTER

1 BCD1
2 5V
4 BCD2
6 BCD4
8 PC EN.
3,5,7 GND
SIXNET DO-DC1-08-U F.WHEEL
(1K OHM)

SIXNET ETHER-TRAK

24V GND BUS

24V PS

10BT A/C

5V, ±12V PS

GND -12V GND +12V 5V

A/C

48V TERM STRIP

X-STAGE Y-STAGE ANAMATICS PS

CAMERA A-FOCUS V-FOCUS ANAMATICS PS

A/C TERM STRIP

COLLINS-CCD

+3V 2
6V RTN 3
3V RTN 4
+6V 5
LED- 6
+12V 7
VIDEO GND 8

BNC

SHUTTER

FILTER WHEEL GND 1
14V 2
BCD1 3
BCD2 4
BCD4 5
MTR EN 7
BCD8 6
MTR ON 8

DB9

FILTER WHEEL CNTRL PANEL

DB9-S

(7SEG)

(POS. KNOB)

DB25P

25 GND
13 15V

15V PS

15V GND

A/C

GRN RED BLK ORG
L- 6V RTN L+

CG-4

3 1 2 4

C A B D

4P CONNECTOR TO CNTRL RM CCD PANEL

RJ45 TO CASS