

ST-1W1A2G/1A2G-X

PINOUT DIAGRAM

STATUS INDICATORS

PWR - POWER (GREEN)

DIAG - NA

TX C/L - TX CARRIER (GREEN)
/ OVERLOAD (RED)

RX C/E - RX CARRIER (GREEN)
/ ERROR (RED)

STATUS INDICATORS

SYN - SYNC PRESENT (GREEN)

VID - VIDEO PRESENT (GREEN)
/ OVERLOAD (RED)

STATUS INDICATORS

DR1 - (CH.1) DATA OUTPUT

DR2 - (CH.2) DATA OUTPUT

AR1 - (CH.1) AUDIO OUTPUT

AR2 - NA

CR1 - NA

CR2 - NA

DT1 - (CH.1) DATA INPUT

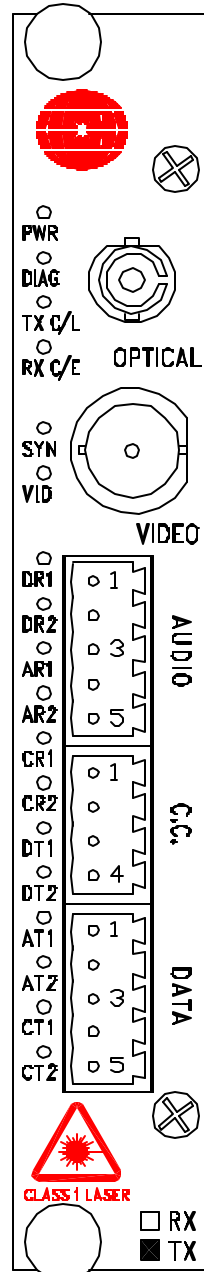
DT2 - (CH.2) DATA INPUT

AT1 - (CH.1) AUDIO INPUT

AT2 - NA

CT1 - NA

CT2 - NA



OPTICAL PORT (ST, FC)

VIDEO INPUT

AUDIO INPUT/OUTPUT

1. (CH.1) AUDIO INPUT-
2. (CH.1) AUDIO INPUT+
3. (CH.1) AUDIO OUTPUT-
4. (CH.1) AUDIO OUTPUT+
5. GND

CC/DATA INPUT/OUTPUT

1. (CH.2) RS232 INPUT / RS422 INPUT-
2. (CH.2) RS422 INPUT+
3. (CH.2) RS232 OUTPUT / RS422 OUTPUT-
4. (CH.2) RS422 OUTPUT+

DATA INPUT/OUTPUT

1. (CH.1) RS232 INPUT / RS422 INPUT-
/ RS485 (4W) INPUT- / RS485 (2W) INPUT/OUTPUT-
2. (CH.1) RS422 INPUT+ / RS485 INPUT+(4W)
RS485 (2W) INPUT/OUTPUT+
3. (CH.1) RS232 OUTPUT / RS422 OUTPUT-
/ RS485 (4W) OUTPUT-
(CH.2) RS485 (2W) INPUT/OUTPUT-
4. (CH.1) RS422 OUTPUT+ / RS485 OUTPUT+(4W)
(CH.2) RS485 (2W) INPUT/OUTPUT+
5. GND FOR CH.1 & CH.2

MERIDIAN TECHNOLOGIES INC.
700 ELMONT ROAD, ELMONT, N.Y. 11003
Support: 516-285-1000,
919-847-6638, 858-605-1070
WWW.MERIDIAN-TECH.COM
FILE NAME: STSR-1W1A2G-1A2G-XS.DWG
03/14//2012 V.0

SR-1W1A2G/1A2G-X

PINOUT DIAGRAM

STATUS INDICATORS

PWR - POWER (GREEN)

DIAG - NA

TX C/L - TX CARRIER (GREEN)
/ OVERLOAD (RED)

RX C/E - RX CARRIER (GREEN)
/ ERROR (RED)

STATUS INDICATORS

SYN - SYNC PRESENT (GREEN)

VID - VIDEO PRESENT (GREEN)
/ OVERLOAD (RED)

STATUS INDICATORS

DR1 - (CH.1) DATA OUTPUT

DR2 - (CH.2) DATA OUTPUT

AR1 - (CH.1) AUDIO OUTPUT

AR2 - NA

CR1 - NA

CR2 - NA

DT1 - (CH.1) DATA INPUT

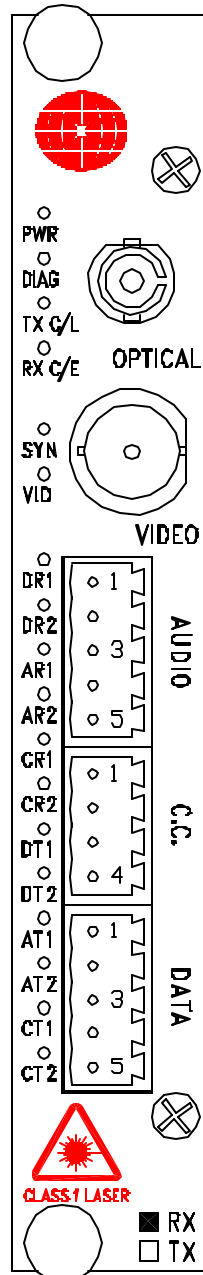
DT2 - (CH.2) DATA INPUT

AT1 - (CH.1) AUDIO INPUT

AT2 - NA

CT1 - NA

CT2 - NA



OPTICAL PORT (ST, FC)

VIDEO OUTPUT

AUDIO INPUT/OUTPUT

1. (CH.1) AUDIO INPUT-
2. (CH.1) AUDIO INPUT+
3. (CH.1) AUDIO OUTPUT-
4. (CH.1) AUDIO OUTPUT+
5. GND

CC/DATA INPUT/OUTPUT

1. (CH.2) RS232 INPUT / RS422 INPUT-
2. (CH.2) RS422 INPUT+
3. (CH.2) RS232 OUTPUT / RS422 OUTPUT-
4. (CH.2) RS422 OUTPUT+

DATA INPUT/OUTPUT

1. (CH.1) RS232 INPUT / RS422 INPUT-
/ RS485 (4W) INPUT- / RS485 (2W) INPUT/OUTPUT-
2. (CH.1) RS422 INPUT+ / RS485 INPUT+(4W)
RS485 (2W) INPUT/OUTPUT+
3. (CH.1) RS232 OUTPUT / RS422 OUTPUT-
/ RS485 (4W) OUTPUT-
(CH.2) RS485 (2W) INPUT/OUTPUT-
4. (CH.1) RS422 OUTPUT+ / RS485 OUTPUT+(4W)
(CH.2) RS485 (2W) INPUT/OUTPUT+
5. GND FOR CH.1 & CH.2

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