

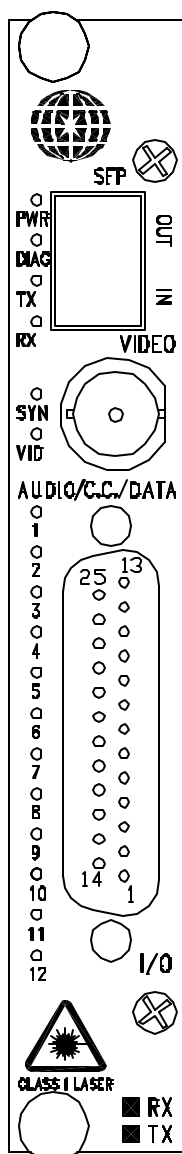
FT-1U2A2C1G/2A2C1G-SFP

PINOUT DIAGRAM

STATUS INDICATORS

PWR - POWER (GREEN)
 DIAG - CARD DIAGNOSTIC
 (GREEN-OK, RED-ALARM)
 TX C/L - TX CARRIER (GREEN)
 /OVERLOAD (RED)
 RX C/E - RX CARRIER (GREEN)
 /ERROR (RED)
 SYN - SYNC PRESENT (GREEN)
 VID - VIDEO PRESENT (GREEN)
 /OVERLOAD (RED)

1 - (CH.1) AUDIO INPUT
 2 - (CH.2) AUDIO INPUT
 3 - (CH.1) AUDIO OUTPUT
 4 - (CH.2) AUDIO OUTPUT
 5 - (CH.1) C/C INPUT
 6 - (CH.2) C/C INPUT
 7 - (CH.1) C/C OUTPUT
 8 - (CH.2) C/C OUTPUT
 9 - (CH.1) DATA INPUT
 10 - NA
 11 - (CH.1) DATA OUTPUT
 12 - NA



SFP OPTICAL PORT

VIDEO INPUT

AUDIO/CC/DATA INPUT/OUTPUT
 (DB-25 FEMALE)

22. (CH.1) AUDIO INPUT-
 10. (CH.1) AUDIO INPUT+
 12. (CH.1) AUDIO OUTPUT-
 24. (CH.1) AUDIO OUTPUT+
 23. (CH.2) AUDIO INPUT-
 11. (CH.2) AUDIO INPUT+
 13. (CH.2) AUDIO OUTPUT-
 25. (CH.2) AUDIO OUTPUT+
 6. (CH.1) CC INPUT
 20. (CH.1) CC OUTPUT-
 8. (CH.1) CC OUTPUT+
 18. (CH.2) CC INPUT
 21. (CH.2) CC OUTPUT-
 9. (CH.2) CC OUTPUT+
 19. +5V
 1. GND
 7. GND

DATA MULTI PROTOCOL

PIN #	RS-232	RS-422	RS-485 2W	RS-485 4W
4	CH1 IN (RD)	CH1 IN-	CH1 IN/OUT-	CH1 IN-
16	CH1 IN (DTR)	CH1 IN+	CH1 IN/OUT+	CH1 IN+
5	CH1 OUT (TD)	CH1 OUT-		CH1 OUT-
17	CH1 OUT (DSR)	CH1 OUT+		CH1 OUT+

The factory-supplied default setting is for RS-232 data

MERIDIAN TECHNOLOGIES INC.
 700 ELMONT ROAD, ELMONT, N.Y. 11003
 Support: 516-285-1000,
 support@meridian-tech.com
 WWW.MERIDIAN-TECH.COM

* CARD DIAGNOSTIC IF APPLICABLE

FILE NAME: FTFR-1U2A2C2G-1M2A2C2G.DWG
 04/03/2014 V.0

FR-1U2A2C1G/2A2C1G-SFP

PINOUT DIAGRAM

STATUS INDICATORS

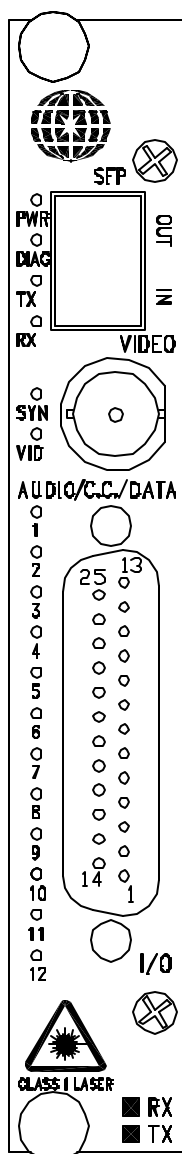
PWR - POWER (GREEN)
DIAG - CARD DIAGNOSTIC
(GREEN-OK, RED-ALARM)

TX C/L - TX CARRIER (GREEN)
/OVERLOAD (RED)
RX C/E - RX CARRIER (GREEN)
/ERROR (RED)

SYN - SYNC PRESENT (GREEN)
/ LOAD ABSENT (RED)

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

- 1 - (CH.1) AUDIO INPUT
- 2 - (CH.2) AUDIO INPUT
- 3 - (CH.1) AUDIO OUTPUT
- 4 - (CH.2) AUDIO OUTPUT
- 5 - (CH.1) C/C INPUT
- 6 - (CH.2) C/C INPUT
- 7 - (CH.1) C/C OUTPUT
- 8 - (CH.2) C/C OUTPUT
- 9 - (CH.1) DATA INPUT
- 10 - NA
- 11 - (CH.1) DATA OUTPUT
- 12 - NA



SFP OPTICAL PORT

VIDEO OUTPUT

AUDIO/CC/DATA INPUT/OUTPUT
(DB-25 FEMALE)

- 22. (CH.1) AUDIO INPUT-
- 10. (CH.1) AUDIO INPUT+
- 12. (CH.1) AUDIO OUTPUT-
- 24. (CH.1) AUDIO OUTPUT+
- 23. (CH.2) AUDIO INPUT-
- 11. (CH.2) AUDIO INPUT+
- 13. (CH.2) AUDIO OUTPUT-
- 25. (CH.2) AUDIO OUTPUT+
- 6. (CH.1) CC INPUT
- 20. (CH.1) CC OUTPUT-
- 8. (CH.1) CC OUTPUT+
- 18. (CH.2) CC INPUT
- 21. (CH.2) CC OUTPUT-
- 9. (CH.2) CC OUTPUT+
- 19. +5V
- 1. GND
- 7. GND

DATA MULTI PROTOCOL

PIN #	RS-232	RS-422	RS-485 2W	RS-485 4W
4	CH1 IN (RD)	CH1 IN-	CH1 IN/OUT-	CH1 IN-
16	CH1 IN (DTR)	CH1 IN+	CH1 IN/OUT+	CH1 IN+
5	CH1 OUT (TD)	CH1 OUT-		CH1 OUT-
17	CH1 OUT (DSR)	CH1 OUT+		CH1 OUT+

The factory-supplied default setting is for RS-232 data

MERIDIAN TECHNOLOGIES INC.
700 ELMONT ROAD, ELMONT, N.Y. 11003

Support: 516-285-1000,
support@meridian-tech.com
WWW.MERIDIAN-TECH.COM

* CARD DIAGNOSTIC IF APPLICABLE

FILE NAME: FTFR-1U2A2C2G-1M2A2C2G.DWG
04/03/2014 V.0