*V-8 BIT VIDEO
*W-10 BIT VIDEO

DT-2V2A2G/2A2G-X
DT-2W2A2G/2A2G-X

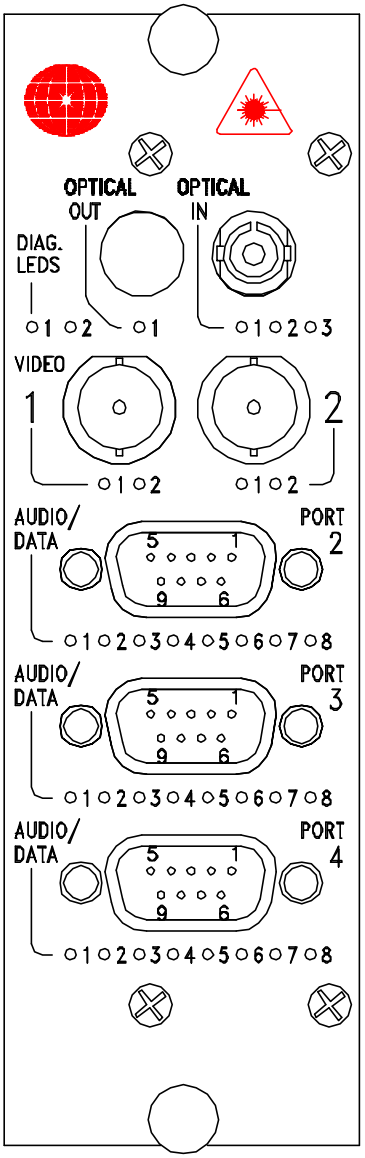
PINOUT DIAGRAM

STATUS INDICATORS
1. POWER (GREEN)
2. NA

STATUS INDICATORS
1. TX CARRIER (GREEN)/ERROR (RED)

VIDEO INPUT (CH.1) STATUS INDICATORS
1. SYNC PRESENT (GREEN)
2. VIDEO PRESENT (GREEN)/OVERLOAD (RED)

AUDIO IN/OUT (PORT 2) (DB-9 FEMALE)
1. (CH.1) OUTPUT-
2. (CH.1) OUTPUT+
3. (CH.2) OUTPUT-
4. (CH.2) OUTPUT+
5. GND
6. (CH.1) INPUT-
7. (CH.1) INPUT+
8. (CH.2) INPUT-
9. (CH.2) INPUT+



OPTICAL PORT STATUS INDICATORS
1. NA
2. RX OPTICAL SIGNAL (GREEN)/ABSENT (RED)
3. RX CARRIER (GREEN)/ERROR (RED)

VIDEO INPUT (CH.2) STATUS INDICATORS
1. SYNC PRESENT (GREEN)
2. VIDEO PRESENT (GREEN)/OVERLOAD (RED)

STATUS INDICATORS (PORT 2)
1. (CH.1) AUDIO INPUT PRESENT
2. (CH.1) AUDIO INPUT OVERLOAD
3. (CH.2) AUDIO INPUT PRESENT
4. (CH.2) AUDIO INPUT OVERLOAD
5. (CH.1) AUDIO OUTPUT PRESENT
6. (CH.1) AUDIO OUTPUT OVERLOAD
7. (CH.2) AUDIO OUTPUT PRESENT
8. (CH.2) AUDIO OUTPUT OVERLOAD

MULTI PROTOCOL DIGITAL (PORT 3) PINOUT DIAGRAM

PIN #	RS-232	RS-422	RS-485 2W	RS-485 4W
1		CH1 IN+	CH1 IN/OUT+	CH1 IN+
2	CH1 OUT(TD)			
3	CH1 IN (RD)			
4		CH1 IN-	CH1 IN/OUT-	CH1 IN-
5	GND	GND	GND	GND
6		CH1 OUT+		CH1 OUT+
7	CH2 IN (RTS)			
8	CH2 OUT(CTS)			
9		CH1 OUT-		CH1 OUT-

MULTI PROTOCOL DIGITAL (PORT 4) PINOUT DIAGRAM

PIN #	RS-232	RS-422	RS-485 2W	RS-485 4W
1		CH1 IN+	CH1 IN/OUT+	CH1 IN+
2	CH1 OUT(TD)			
3	CH1 IN (RD)			
4		CH1 IN-	CH1 IN/OUT-	CH1 IN-
5	GND	GND	GND	GND
6		CH1 OUT+		CH1 OUT+
7	CH2 IN (RTS)			
8	CH2 OUT(CTS)			
9		CH1 OUT-		CH1 OUT-

STATUS INDICATORS (PORT 3)
1. (CH.1) DATA INPUT
2. NA
3. (CH.1) DATA OUTPUT
4. NA
5. (CH.2) DATA INPUT
6. NA
7. (CH.2) DATA OUTPUT
8. NA

INTERNAL JUMPER SETTINGS

1*	2	3	4
RS-232	RS-422	RS-485 2W	RS-485 4W

*FACTORY SETTINGS

STATUS INDICATORS (PORT 4)
1. (CH.1) DATA INPUT
2. NA
3. (CH.1) DATA OUTPUT
4. NA
5. (CH.2) DATA INPUT
6. NA
7. (CH.2) DATA OUTPUT
8. NA

MERIDIAN TECHNOLOGIES INC.
FILE NAME: DTDR-2V2A2G-2A2G.DWG
02/20/2009 V.0

*V-8 BIT VIDEO
*W-10 BIT VIDEO

DR-2V2A2G/2A2G-X
DR-2W2A2G/2A2G-X

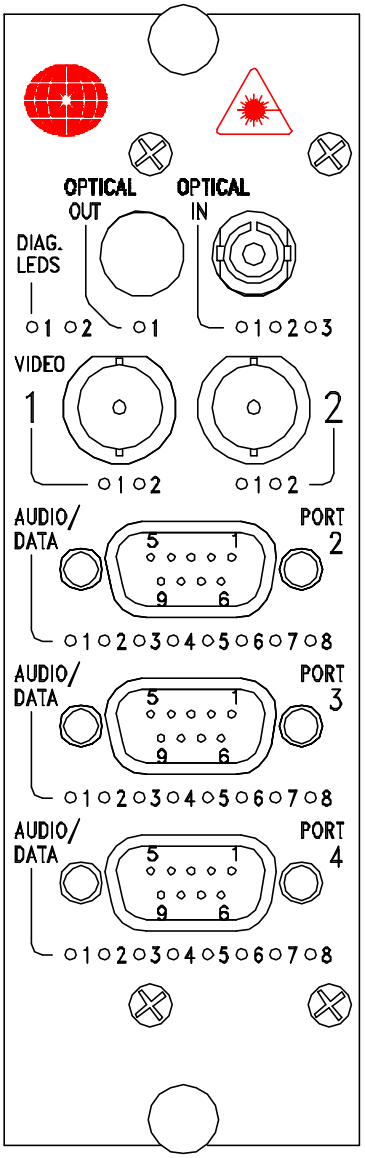
PINOUT DIAGRAM

STATUS INDICATORS
1. POWER (GREEN)
2. NA

STATUS INDICATORS
1. TX CARRIER (GREEN)/ERROR (RED)

VIDEO OUTPUT (CH.1) STATUS INDICATORS
1. SYNC PRESENT (GREEN)
2. VIDEO PRESENT (GREEN)/OVERLOAD (RED)

AUDIO IN/OUT (PORT 2) (DB-9 FEMALE)
1. (CH.1) OUTPUT-
2. (CH.1) OUTPUT+
3. (CH.2) OUTPUT-
4. (CH.2) OUTPUT+
5. GND
6. (CH.1) INPUT-
7. (CH.1) INPUT+
8. (CH.2) INPUT-
9. (CH.2) INPUT+



OPTICAL PORT STATUS INDICATORS
1. NA
2. RX OPTICAL SIGNAL (GREEN)/ABSENT (RED)
3. RX CARRIER (GREEN)/ERROR (RED)

VIDEO OUTPUT (CH.2) STATUS INDICATORS
1. SYNC PRESENT (GREEN)
2. VIDEO PRESENT (GREEN)/OVERLOAD (RED)

STATUS INDICATORS (PORT 2)
1. (CH.1) AUDIO INPUT PRESENT
2. (CH.1) AUDIO INPUT OVERLOAD
3. (CH.2) AUDIO INPUT PRESENT
4. (CH.2) AUDIO INPUT OVERLOAD
5. (CH.1) AUDIO OUTPUT PRESENT
6. (CH.1) AUDIO OUTPUT OVERLOAD
7. (CH.2) AUDIO OUTPUT PRESENT
8. (CH.2) AUDIO OUTPUT OVERLOAD

MULTI PROTOCOL DIGITAL (PORT 3) PINOUT DIAGRAM

PIN #	RS-232	RS-422	RS-485 2W	RS-485 4W
1		CH1 IN+	CH1 IN/OUT+	CH1 IN+
2	CH1 OUT(TD)			
3	CH1 IN (RD)			
4		CH1 IN-	CH1 IN/OUT-	CH1 IN-
5	GND	GND	GND	GND
6		CH1 OUT+		CH1 OUT+
7	CH2 IN (RTS)			
8	CH2 OUT(CTS)			
9		CH1 OUT-		CH1 OUT-

MULTI PROTOCOL DIGITAL (PORT 4) PINOUT DIAGRAM

PIN #	RS-232	RS-422	RS-485 2W	RS-485 4W
1		CH1 IN+	CH1 IN/OUT+	CH1 IN+
2	CH1 OUT(TD)			
3	CH1 IN (RD)			
4		CH1 IN-	CH1 IN/OUT-	CH1 IN-
5	GND	GND	GND	GND
6		CH1 OUT+		CH1 OUT+
7	CH2 IN (RTS)			
8	CH2 OUT(CTS)			
9		CH1 OUT-		CH1 OUT-

STATUS INDICATORS (PORT 3)
1. (CH.1) DATA INPUT
2. NA
3. (CH.1) DATA OUTPUT
4. NA
5. (CH.2) DATA INPUT
6. NA
7. (CH.2) DATA OUTPUT
8. NA

INTERNAL JUMPER SETTINGS

1*	2	3	4
RS-232	RS-422	RS-485 2W	RS-485 4W

*FACTORY SETTINGS

STATUS INDICATORS (PORT 4)
1. (CH.1) DATA INPUT
2. NA
3. (CH.1) DATA OUTPUT
4. NA
5. (CH.2) DATA INPUT
6. NA
7. (CH.2) DATA OUTPUT
8. NA

MERIDIAN TECHNOLOGIES INC.
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