



<b>DIYTRAN</b> INSTRUMENTS, INC.		CHATSWORTH, CA.	
SCALE 1/2	REV -	DATE -	ECN -
DATE 8/25/97	PART NO.		
DRAWN N.C.	CHECKED N.C.	MATL	
APPROVED	NEXT ASSEMBLY	USED ON	
TITLE <b>OUTLINE/INSTALLATION DRAWING MODELS 4120/4121</b>		DWG NO. <b>127-4120</b>	
SHEET 1 OF 1			

**SPECIFICATIONS**  
**MODELS 4120 (SIX CHANNEL) AND 4121 (TWELVE CHANNEL) RACK MOUNTED POWER UNITS**

<b>SPECIFICATIONS</b>	<b>VALUE</b>	<b>UNITS</b>
SENSOR SUPPLY CURRENT (Factory set at 5 ma) (PER CHANNEL)	2 TO 20 , ADJUSTABLE	mA
NUMBER OF SENSOR CHANNELS 4120	6	
NUMBER OF SENSOR CHANNELS 4121	12	
SENSOR EXCITATION VOLTAGE (COMPLIANCE VOLTAGE)	+24	VDC
VOLTAGE GAIN	UNITY	
FRONT PANEL LED VOLTMETER F.S.	+24	VDC
OUTPUT COUPLING CAPACITOR	10	μF
COUPLING TIME CONSTANT		
WITH 10 MEGOHM LOAD	100	SEC
WITH 1 MEGOHM LOAD	10	SEC
LOWER -3db FREQUENCY		
WITH 10 MEGOHM LOAD	.0016	Hz
WITH 1 MEGOHM LOAD	.016	Hz
HIGH FREQUENCY RESPONSE	DETERMINED BY SENSOR AND CABLE LENGTH	
NOISE, WIDEBAND	150	μV
SENSOR CONNECTORS, REAR PANEL 6 ON MODEL 4120, 12 ON MODEL 4121	BNC	JACK
OUTPUT CONNECTORS, FRONT AND REAR PANELS 12 ON MODEL 4120, 24 ON MODEL 4121	BNC	JACK
POWER CORD, 3-WIRE WITH CHASSIS GROUND	3-WIRE PLUG	6 FT
POWER REQUIRED		
MODEL 4120 & E4120	6.5	VA
MODEL 4121 & E4121	13.0	VA
LINE VOLTAGE REQUIRED		
MODELS 4120, 4121	115	VAC
MODELS E4120, E4121	230	VAC
SIZE, H X W X D	5	IN
WEIGHT	2.3	LBS