

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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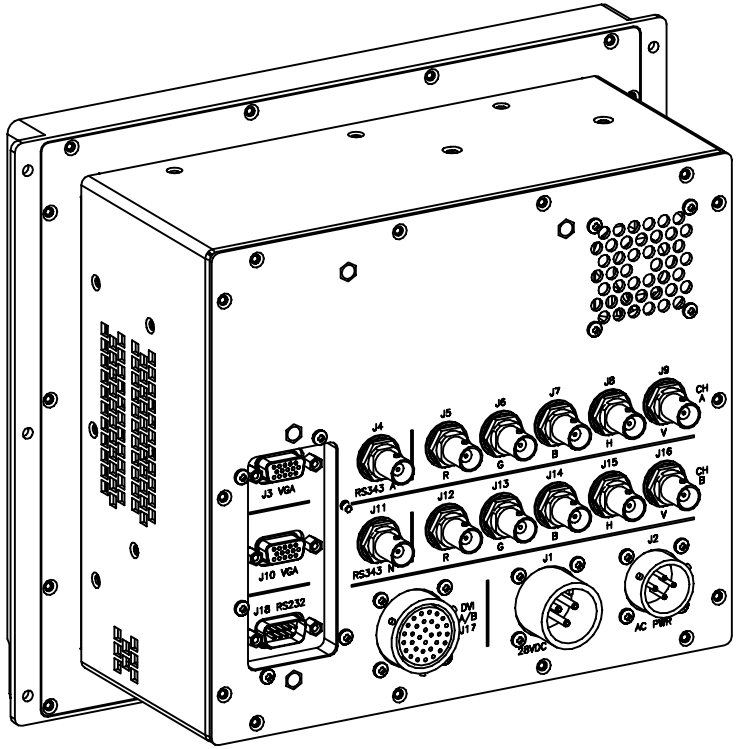
Visit our website - *Click HERE*

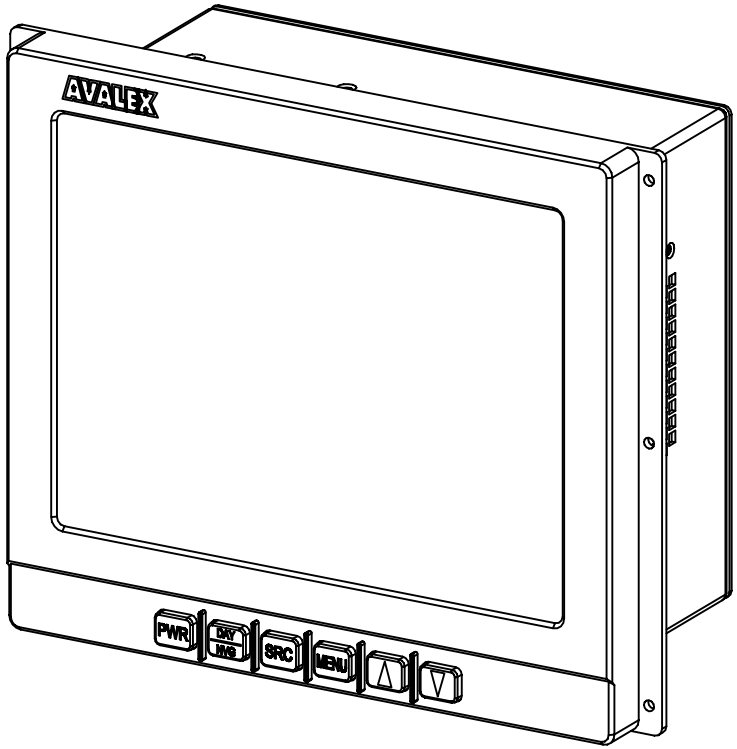
NOTES: UNLESS OTHERWISE SPECIFIED:

1. THIS DRAWING REPRESENTS AVALEX TECHNOLOGIES LCD DISPLAY PART NUMBER AVM4106N.
2. THE WEIGHT OF THIS DISPLAY IS 8.0 LBS.

[3] RECOMMENDED CIRCUIT BREAKER:
3 AMPS @ 28 VOLTS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
–	--	-	-





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QTY	ITEM NO	PART NUMBER	DESCRIPTION	SPECIFICATION	NOTES
PARTS LIST					

SEQ NO	PROCESS	ADDITIONAL	NOTES

USED ON	NEXT ASSY

UNLESS OTHERWISE SPECIFIED
- DIMENSIONS ARE IN INCHES
- TOLERANCES: ANGLES ± 1°
  3 PLACE DECIMALS ±.010
  2 PLACE DECIMALS ±.02
- INTERPRET DRAWING PER ASME Y14.5–1994
- REMOVE ALL BURRS AND SHARP EDGES
- CONCENTRICITY MACHINED DIAMETERS .010 FIM
- DIMENSIONAL LIMITS APPLY BEFORE PROCESSES
- PARENTHETICAL INFO FOR REF ONLY

HOLE DIAMETER TOLERANCE

.013 +.003 −.001	.128 +.009 −.001	.201 +.009 −.001
.116	.250	.339
.201 +.009 −.001	.716 +.010 −.001	1.907 +.013 −.001
.339	1.250	2.000

DWN: F.ENTREKIN	DATE: 05–01–07	
CHECK: M.SAMPLE	DATE: 05–01–07	
ENGR: F.ENTREKIN	DATE: 05–01–07	
APPROVED: T.JHNS	DATE: 05–01–07	
RELEASED:	DATE:	
PROJECT: AVM4106N DISPLAY		

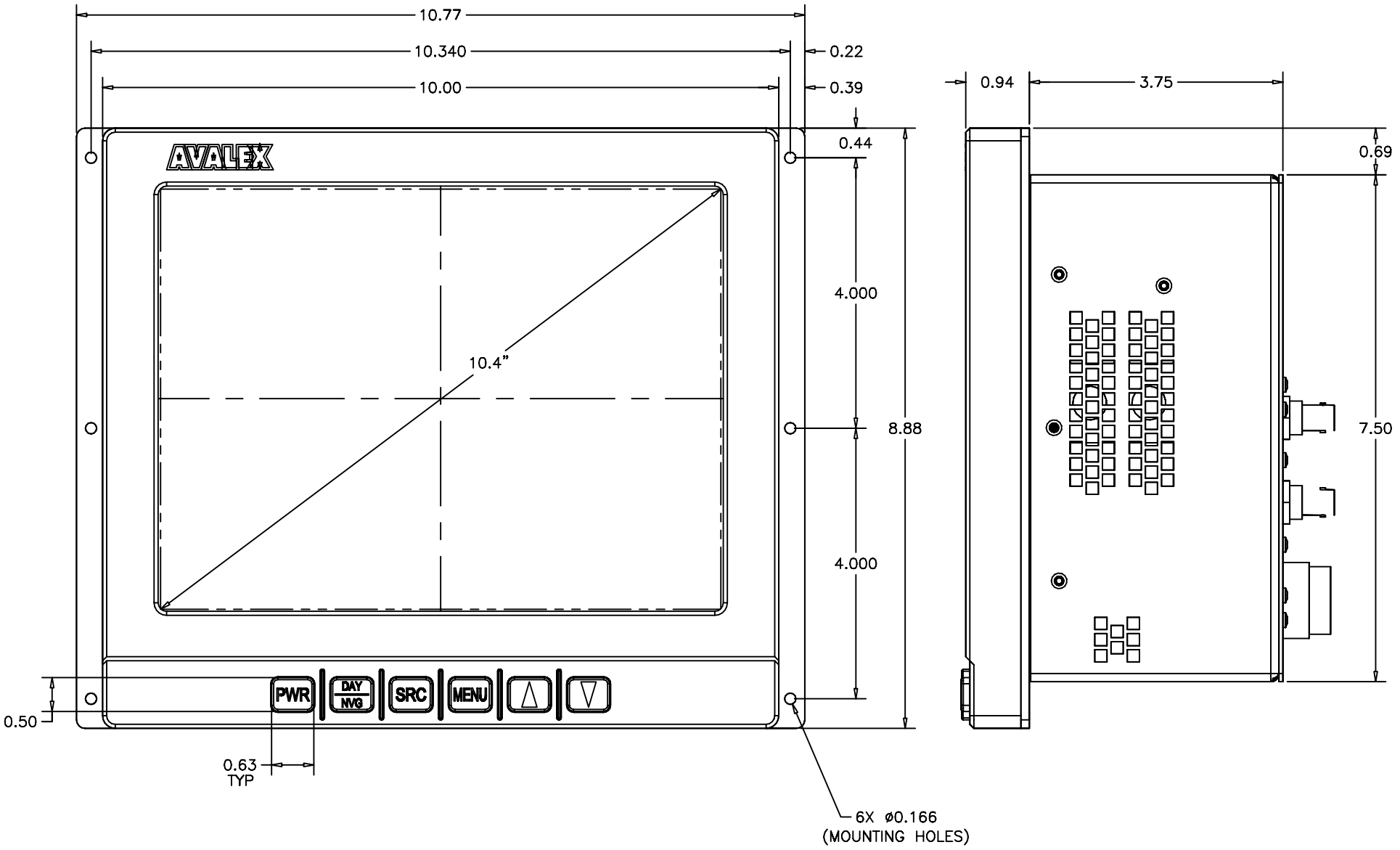
AVALEX TECHNOLOGIES
115–A GREGORY SQUARE
PENSACOLA, FLORIDA 32502
(850) 470–8464

AVM4106N LCD DISPLAY ICD

SIZE	CAGE CODE:	DRAWING NO:
C	096Y5	AVM4106N–ICD

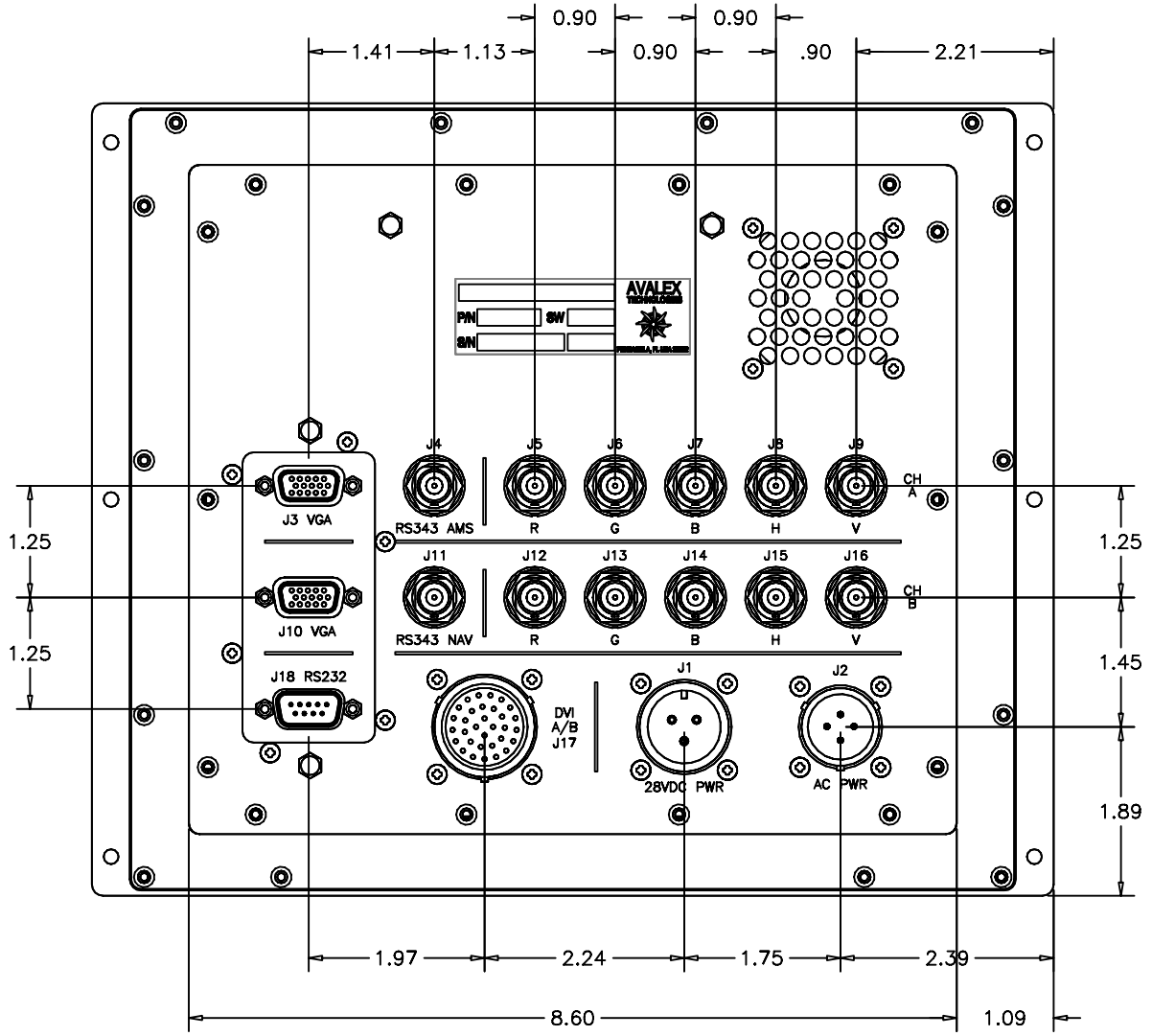
SCALE: 3/4	REV: –	SHEET NO: 1 OF 4

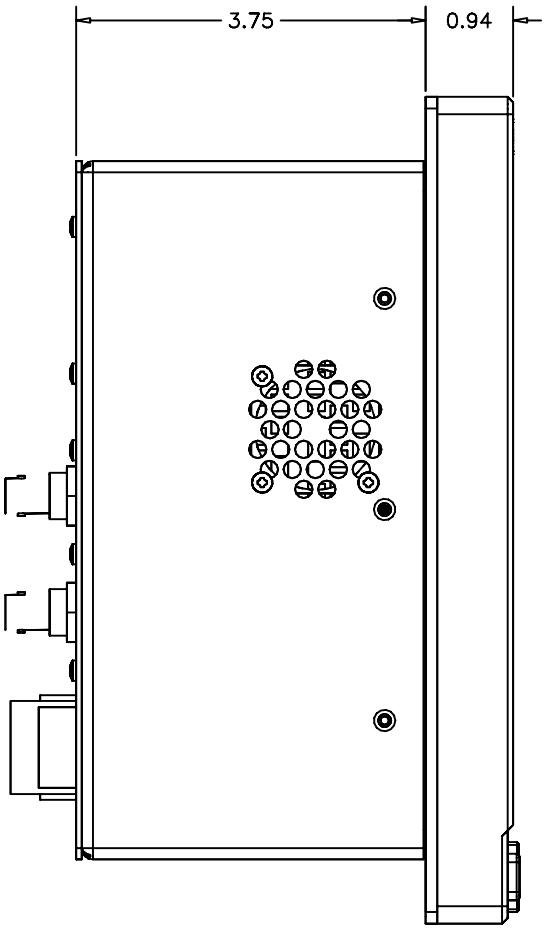
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AVALEX TECHNOLOGIES	DWN: F.ENTREKIN DATE: 05-01-07	DRAWING NO: AVM4106N-ICD	REV: -
		SCALE: 1/1	SHEET NO: 2 OF 4

CAD GENERATED DRAWING





AVALEX TECHNOLOGIES	DWN: F.ENTREKIN	DATE: 05-01-07	DRAWING NO: AVM4106N-ICD	REV: -
			SCALE: 1/1	SHEET NO: 3 OF 4

CAD GENERATED DRAWING

AVM4106N LCD DISPLAY

DC POWER CONNECTOR
P/N: MS3452W16-10P
MATING CONNECTOR (CABLE):
P/N: MS3456LS16-10S

+28VDC	A	J1
+28VDC RETURN	B	
CHASSIS GROUND	C	

AC POWER CONNECTOR
P/N: MS3470W14-4P
MATING CONNECTOR (CABLE):
P/N: MS3476W14-4S

GROUND	A	J2
115VAC/400HZ LINE	C	
115VAC/400HZ NEUTRAL	D	

VGA CONNECTOR
AMP HDP-22 STYLE
(15-PIN)

J10 VGA	CH B		CH A	J3 VGA
1	RED		RED	1
6	RED GROUND		RED GROUND	6
2	GREEN		GREEN	2
7	GREEN GROUND		GREEN GROUND	7
3	BLUE		BLUE	3
8	BLUE GROUND		BLUE GROUND	8
13	HORIZONTAL SYNC		HORIZONTAL SYNC	13
14	VERTICAL SYNC		VERTICAL SYNC	14
4	COMMON GROUND		COMMON GROUND	4
10	COMMON GROUND		COMMON GROUND	10

BNC CONNECTOR
75 OHM

J11	RS343 NAV	RS343 AMS	J4
J12	R	R	J5
J13	G	G	J6
J14	B	B	J7
J15	H	H	J8
J16	V	V	J9

BNC CONNECTOR
75 OHM

AVM4106N LCD DISPLAY

DVI CONNECTOR
P/N: MS27508E18B-32S
MATING CONNECTOR (CABLE):
P/N: MS27484E18B-32P

A – TMDS DATA2–	A	J17 DVI (A/B)
A – TMDS DATA2+	B	
A/B – TMDS DATA2 SHIELD	C	
B – TMDS DATA2–	D	
B – TMDS DATA2+	E	
A – DDC CLOCK [SCL]	F	
A – DDC DATA [SDA]	G	
B – DDC CLOCK [SCL]	H	
B – DDC DATA [SDA]	J	
A – HOT PLUG DETECT	K	
A – TMDS DATA1–	L	
A – TMDS DATA1+	M	
A/B – TMDS DATA1 SHIELD	N	
B – TMDS DATA1–	P	
B – TMDS DATA1+	R	
–	S	
B – TMDS CLOCK+	T	
B – TMDS CLOCK–	U	
+5V POWER	V	
B – HOT PLUG DETECT	W	
A – TMDS DATA0–	X	
A – TMDS DATA0+	Y	
A/B – TMDS DATA0 SHIELD	Z	
B – TMDS DATA0–	a	
B – TMDS DATA0+	b	
A/B – TMDS CLOCK SHIELD	c	
A – TMDS CLOCK+	d	
A – TMDS CLOCK–	e	
GROUND (FOR +5V)	f	
SPARE	g	
–	h	
–	j	

AVALEX TECHNOLOGIES

DWN:	DATE:	DRAWING NO:	REV:
F.ENTREKIN	05-01-07	AVM4106N-ICD	–
SCALE: N/A		SHEET NO: 4 OF 4	

CAD GENERATED DRAWING

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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