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SUBSEA & CHAMBER MONITOR SCM-1560-06



The Subsea and Chamber Monitor Model Number SCM-1560-06 has been specially manufactured for the US Navy from non-corrosive external material. It is a totally sealed, high resolution computer monitor. The working depth of this Monitor is 1,000ft, operation is from a 12V power source which is supplied by the Topside Controller and has a modified VGA signal. The Monitor can be used in the water indefinitely and in the Chamber without helium indefinitely, however, we would recommend that if used in a mixed gas environment the Monitor should be brought to surface on a regular basis as helium is a searching gas for it can penetrate virtually any material if left long enough. The housing of the Monitor consists of three parts; the front lens is 20mm thick polycarbonate plate along with the back as well as a specially machined nylon housing which contains the electronics and the sub-frame of the LCD Monitor.

Specifications

Display:	15" TFT LCD	Video input /SVGA:	Supplied Composite In
Voltage input:	12V DC 3A	Viewing angle:	Typically 70/60°
Active Area:	304.1H x 228.1Vmm	Backlight:	Incandescent
Input Signal:	Comp Video @ 75?	Power:	25W
Dimensions:	390Wmm x 305Hmm x 60Dmm		

12 PIN FEMALE SUBCONN

CABLE

10 PIN MIL CONNECTOR

Pin 1	Red and Blue Twisted Pairs	A	+
Pin 2	Green and White Twisted Pairs	B	-
Pin 3	White of Blue and White Twisted Pairs	C	BROWN
Pin 4	Blue of Blue and White Twisted Pairs	D	WHITE/BROWN
Pin 5	Yellow of Red and Yellow Twisted Pairs	E	GREEN
Pin 6	Red of Red and Yellow Twisted Pairs	F	WHITE/GREEN
Pin 7	Green of Red and Green Twisted Pair	G	BLUE
Pin 8	Red of Red and Green Twisted Pair	H	WHITE/BLUE
Pin 9	Green of Blue and Green Twisted Pair	I	ORANGE
Pin 10	Blue of Blue and Green Twisted Pair	J	WHITE/ORANGE
Pin 11	White of Red and White Twisted Pair		N/A
Pin 12	Red of Red and White Twisted Pair		N/A