

REV	DESCRIPTION	DATE	APPROVED
	PRELIM ANNOUNCEMENT UPDATED (010620-20-999)	10DEC2001	
	REVIEW AND UPDATE	28OCT2002	

TECTIVITY'S RUGGEDIZED, SEALED, LIGHTWEIGHT, COMPACT AND TAMPER-RESISTANT TYPE-A VIDEOMODULE AND LITEMODULE ENCLOSURE SOLUTIONS EXPAND THE HORIZONS OF MACHINE VISION APPLICATIONS ON THE SHOP-FLOOR, IN THE REFRIGERATED WAREHOUSE, OUTDOORS -- IN ENVIRONMENTS THAT ARE HOSTILE TO VISION EQUIPMENT RELIABILITY.

RAISED OPTICAL WINDOW, SEALED INTO BODY, STAYS CLEAN LONGER AND IS EASIER TO CLEAN. TREATED "BOROFLOAT" GLASS IS SCUFF RESISTANT. ANTI-REFLECTIVE (A/R) COATED OPTICAL WINDOW OPTION.

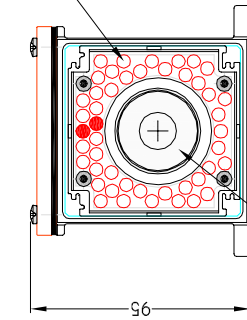
660NM RED CUSTOM LED RING-LIGHT, AXIAL DIFFUSE ILLUMINATOR (ADI) OR SPOT-LIGHT OPTIONS (LITEMODULE) PROVIDE ILLUMINATION FROM INCHES TO METERS STANDOFF; LONG THROW LIGHT-HEADS ARE PRECISION AIMABLE. AN OPTIONAL 660NM RED BANDPASS FILTER HELPS ISOLATE THE MACHINE VISION APPLICATION FROM INDOOR AMBIENT LIGHTING.

AMPLE ACCESS (125x64MM) TO SETUP OR ADJUST CAMERA AND LENS.

H64xW58MM INTERNAL NET CROSS SECTION CAN ACCOMMODATE THE BROAD SPECTRUM OF B&W, COLOR AS WELL AS "SMART" SENSOR MACHINE VISION CAMERAS.

GASKET-SEALED ACCESS COVER.

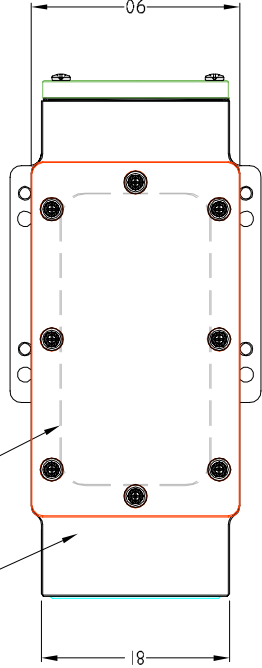
226 STANDARD (OTHER STOCK SIZES ARE -25MM, +50, +100MM), ELSE CUSTOM
4.9 NOM
205 STANDARD



OPTIONAL ADJUSTABLE STOP WITH LOCK-DOWN SCREWS TO FIX AND REMEMBER CAMERA POSITION.

TYPE-A VIDEOMODULE CAN ACCOMMODATE MANUAL LENSES WITH A BARREL DIAMETER UP TO 70MM AND FROM 3MM TO 300MM FOCAL LENGTH. FOR RING-LIGHT OPTIONS, AND UNDER 25MM FOCAL LENGTH, SELECT LENSES WITH A LENS BARREL DIAMETER UNDER 40MM.

MOUNTING OPTIONS FACILITATE DIRECT MOUNTING TO EQUIPMENT (E.G., TO ROBOT ARM) OR VIA STANDARD MOUNTING HARDWARE OPTIONS.

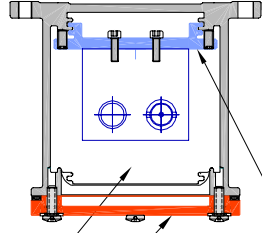


INTERNAL "STUB" CABLE(S) CONNECT CAMERA WITH EXTERNAL BULKHEAD CONNECTOR(S), NOT SHOWN. OPTIONAL LED-LIGHTS, OTHER ELECTRIC OPTIONS POWERED FROM MICRO QUICK BULKHEAD CONNECTOR. ELSE ENDCAP WITH GROMMET FOR CAMERA CABLE(S).

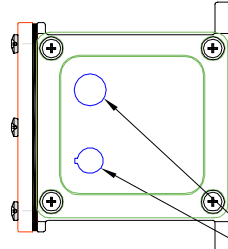
OPTIONAL HIGH-FLEX CABLING FOR LIVE APPLICATIONS, E.G., ROBOT-ARM MOUNTED. GASKET-SEALED END CAP.

OTHER OPTIONS -- THERMOSTAT CONTROLLED COOLING (HEATING), TRIGGERED LIGHT STROBING, ETC., ARE NOT ILLUSTRATED HERE.

NOTE: THIS INSTALLATION ILLUSTRATION FEATURES THE FLANGE MOUNTABLE VIDEOMODULE (SEE PURPLE SHADED FLANGE). THE 90MM WIDE "BM" (BODY MOUNT) OPTION NOT SHOWN, PRESENTS A NARROWER FOOTPRINT, SUITED ALSO FOR ROBOT-ARM MOUNTED APPLICATIONS.



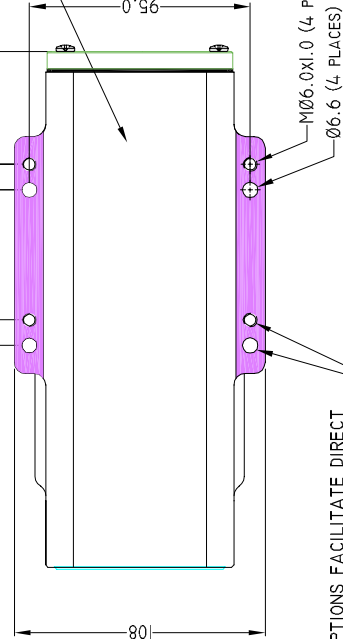
UNIVERSAL CAMERA ADAPTER WITH LOCKING SCREWS. ADJUSTABLE TO SUIT CAMERA AND OPTICS.



BULKHEAD ADAPTOR FOR CAMERA CONNECTOR OPTIONS(!) -- HIROSE, HDB, RJ45. ALSO MICRO QUICK CONNECTOR FOR LED LIGHTING AND OTHER ELECTRIC OPTIONS -- ELSE GROMMETED ENDCAP OPTION.

(!) SOME CONNECTORS ARE SEALED, SUITABLE FOR WET SERVICE.

67.0
67.0
4.9



TECTIVITY
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VIDEOMODULE TYPE-A

RUGGEDIZED ENCLOSURE SYSTEMS FOR VISION EQUIPMENT	
DRAWN	REV
1/1	020910-20-999
CHECKED	SHEET
A	1/1
SIZE	SCALE

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