

## DMT DCPM-1000 DATASHEET

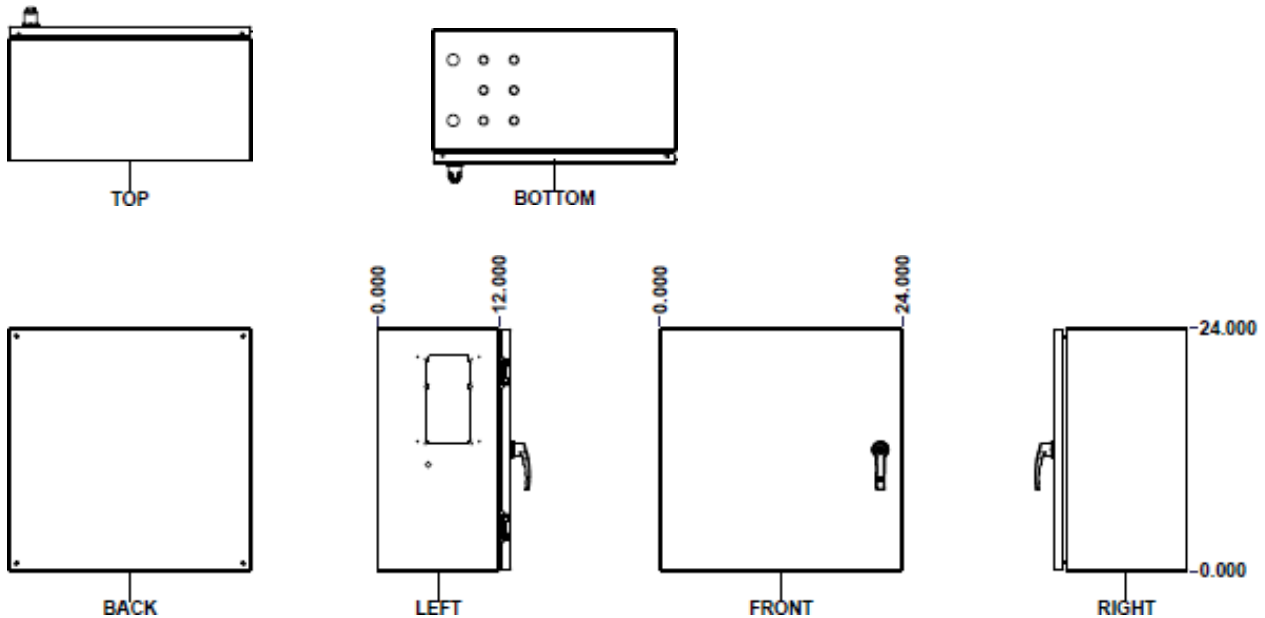


DMT builds outdoor cabinets for security projects, and for surveillance systems. They supply clean DC power to equipment and act as communication hubs for cameras, biometric sensors, radar, and many other security devices. These enclosures are designed for harsh, maritime or desert climates. They need zero maintenance for the life of the product and protect against severe lightning strikes and current surges.

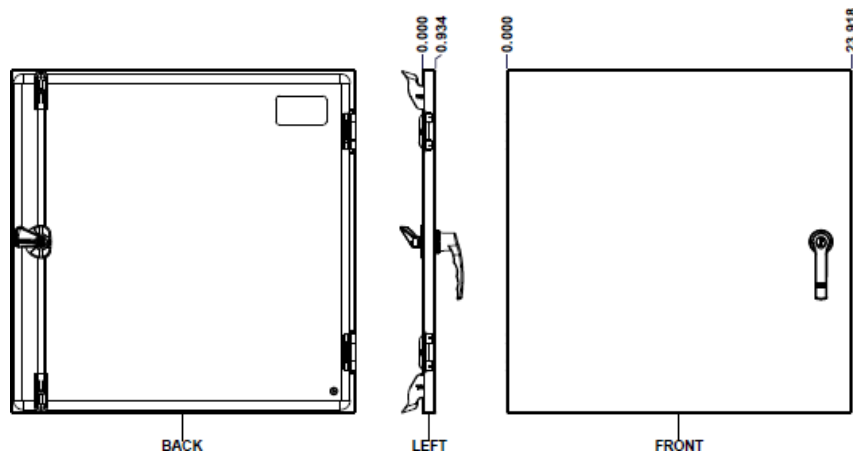
When 24/7/365 operation is required for your cameras, radars, communication systems, and other security equipment, use the DMT Security Cabinets.

\* Normally stocked in small quantities; typically quoted as 30-45 days delivery for most quantities requested.

### Enclosure Drawings:



### Door Drawings:



## Specifications

MODEL NUMBER	<b>GSI-242412-ABC-660</b>	<b>GSI-242412-ABD-720</b>
ENCLOSURE SIZE	24 x 24 x 12 inches	
ENCLOSURE MATERIAL	316 Stainless Steel (NEMA4 X)	
ENCLOSURE DOOR	316 Stainless Steel, hinged with 3-point locking mechanism. Keyed Handle and Padlock Slot included.	
POWDER COAT COLOR	Gray (others available at extra cost)	
INPUT PORTS	6 weathertight cable grip holes (1/2") & 2 conduit holes (3/4" LiquidTite, Flex Conduit Entry). One conduit port should be 110 or 220 VAC 50/60 Hz power into the box.	
MOUNTING	4 mounting feet for Unistrut or other metal crossbeams	
POWER	660 Watts, consisting of: <ul style="list-style-type: none"> <li>• 360 Watts 24VDC</li> <li>• 240 Watts 48 VDC and PoE</li> <li>• 60 Watts for 12 VDC</li> </ul> Note: 48 & 24 volts DC have additional DC-DC filtering and power conditioning	720 Watts, consisting of: <ul style="list-style-type: none"> <li>• 360 Watts 24VDC</li> <li>• 240 Watts 48 VDC and PoE</li> <li>• 120 Watts for 12 VDC</li> </ul> Note: 48 & 24 volts DC have additional DC-DC filtering and power conditioning
CIRCUIT BREAKERS	Included for each voltage	
SURGE SUPPRESSION/ LIGHTNING PROTECTION	Included for AC input power and for five network ports	
BATTERIES	Quantity 2, 12 V, 20 Ahr batteries to support hardware with power for intermittent outages and browning conditions	
UPS HARDWARE	UPS controller and battery charger	
REMOTE POWER MONITORING	Power outages can be monitored via any network. 6-channel Digital I/O and 6-channel relay used for remote monitoring and control functions.	
REMOTE POWER CONTROL	Power ON/OFF 24 and 48 VDC	
AC PLUGS	Quantity 2 AC plugs for connecting test equipment, meters, PC's, or other items. (Supplies the same power as the input source. If 110 VAC, 60 Hz is the power source, then the plugs will have the same power.)	
POWER OF ETHERNET (POE)	4 to 6 ports of either PoE+, or Ultra PoE (60W). Determined by Network Switch selection. Note PoE+ supports PoE as well. Ultra PoE supports PoE+ and PoE.	
NETWORK SWITCH	Choose one: <ul style="list-style-type: none"> <li>• Managed network switch with 6 hardened, Gigabit PoE+ ports, and one SMF slot (add "-M61P+" to model number);</li> <li>• Unmanaged network switch with 4 hardened, Gigabit Ultra PoE ports with 2 SMF slots (add "-U42UP" to model number);</li> <li>• Unmanaged network switch with 6 hardened, Gigabit PoE+ ports with 2 SMF slots (add "-U62P+" to model number)</li> </ul>	
TAMPER ALARMS	Alarms when door is opened.	
OPERATING TEMPERATURE	-40 to +65 degrees C	
MTBF (MEAN- TIME- BETWEEN-FAILURE)	10 years	9 years
STD WARRANTY	1 Year (extended warranties are available)	
OPTIONS	<ul style="list-style-type: none"> <li>• Temperature Sensor with 2 relays to power off devices sensitive to temperature. Monitor it over the network.</li> <li>• 4-port Axis Video Encoder (7424-R Mk II).</li> </ul>	

MODEL NUMBER	<b>GSI-242412-PFM-660</b>
ENCLOSURE SIZE	24 x 24 x 12 inches
ENCLOSURE MATERIAL	316 Stainless Steel (NEMA4 X)
ENCLOSURE DOOR	316 Stainless Steel, hinged with 3-point locking mechanism. Keyed Handle and Padlock Slot included.
POWDER COAT COLOR	Gray (others available at extra cost)
INPUT PORTS	6 weathertight cable grip holes (1/2") & 2 conduit holes (3/4" LiquidTite, Flex Conduit Entry). One conduit port should be 110 or 220 VAC 50/60 Hz power into the box.
MOUNTING	4 mounting feet for Unistrut or other metal crossbeams
POWER	600 Watts, consisting of: <ul style="list-style-type: none"> <li>• 360 Watts 24VDC</li> <li>• 240 Watts 48 VDC and PoE</li> </ul> Note: 48 & 24 volts DC have additional DC-DC filtering and power conditioning
CIRCUIT BREAKERS	Included for each voltage
SURGE SUPPRESSION/ LIGHTNING PROTECTION	Included for AC input power and for five network ports
BATTERIES	Quantity 2, 12 V, 51 Ahr GEL batteries to support hardware with power during power outages
UPS HARDWARE	UPS controller and battery charger. Note: Controller has built-in battery test function.
REMOTE POWER MONITORING	Available as an option
REMOTE POWER CONTROL	Available as an option
AC PLUGS	Quantity 2 AC plugs for connecting test equipment, meters, PC's, or other items. (Supplies the same power as the input source. If 110 VAC, 60 Hz is the power source, then the plugs will have the same power.)
POWER OF ETHERNET (POE)	Determined by Network Switch selection. Note PoE+ supports PoE as well. Ultra PoE supports PoE+ and PoE.
NETWORK SWITCH	Room exists for customer's own selected network switch. However, the enclosure also includes these network switches when the model number has the following numbers attached. Choose one: <ul style="list-style-type: none"> <li>• Managed network switch with 4, 10.42MBPS Ultra PoE ports (802.3bt, 802.3af/at), and two 100/1000XSPF ports (add "-4U01T2S" to model number) - 240 Watts total, with optional 400 Watts total for additional price;</li> <li>• Unmanaged network switch with 4 hardened, Gigabit Ultra PoE ports with 2 SMF slots (add "-U42UP" to model number) - 240 Watts total,</li> </ul>
TAMPER ALARMS	Available as an option
OPERATING TEMPERATURE	-40 to +65 degrees C
MTBF	Mean-Time-Between-Failure is 8 years. (Battery is not included in MTBF.)
STD WARRANTY	1 Year (extended warranties are available)
OTHER OPTIONS	<ul style="list-style-type: none"> <li>• Temperature Sensor with 2 relays to power off devices sensitive to temperature. Monitor it over the network.</li> <li>• 4-port Axis Video Encoder (7424-R Mk II).</li> <li>• Battery Box for extended operation during power outage.</li> </ul>