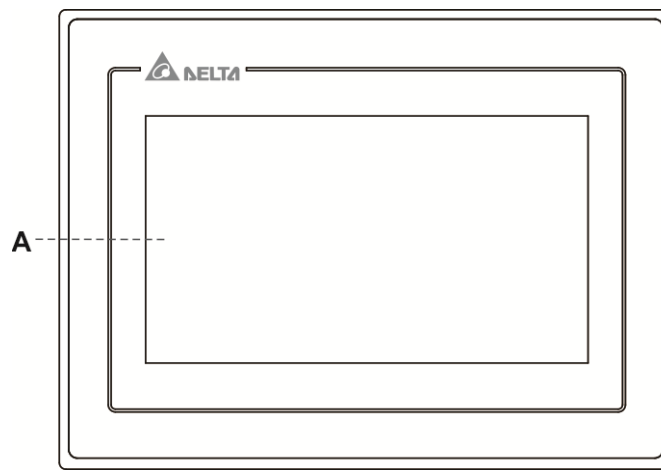




DOP-107EV DOP-107CV

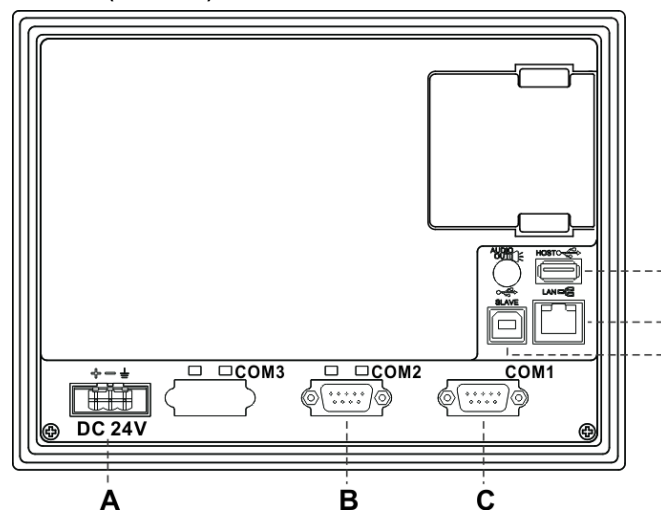
(3) Description of each part

DOP-107CV / DOP-107EV (front view)



A Operation / display area

DOP-107CV / DOP-107EV (rear view)



A	Power input terminal (24AWG wire min.)	B	COM2/COM3
C	COM1	D	USB Host
E	Network port (LAN) Only for DOP-107EV	F	USB Slave

(5) Installation and wiring

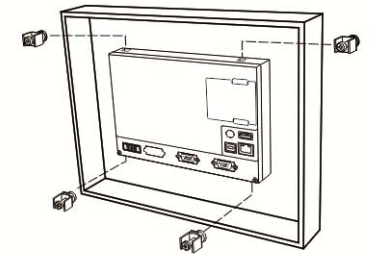
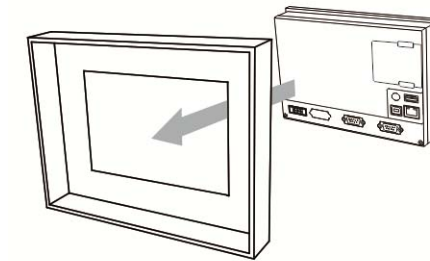
Precautions:

- Incorrect installation may result in malfunction.
- To ensure the HMI is well ventilated, make sure there is sufficient space between the HMI and the adjacent objects or walls.
- This product should be used on a case / platform which conforms to enclosure Type 4X standard (for indoor use only).
- The maximum panel thickness for mounting must be no greater than 5 mm.
- Copper conductor only.

Installation steps:

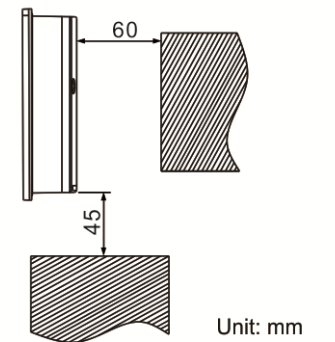
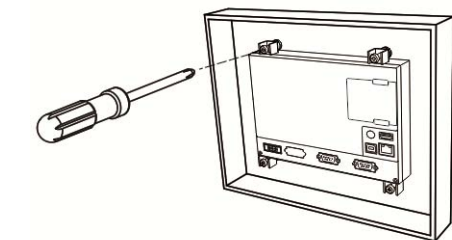
Step 1:
Put the waterproof gasket into the HMI and then insert the HMI into the panel cutout.

Step 2:
Place the fasteners into the slots and tighten the screws until reaching the panel cutouts.



Step 3:
Tighten the screws with the torque less than 0.5 N-M / 0.7 N-M to avoid damage to the plastic case.
Torque for DOP-107CV / DOP-107EV:
6.17 lb-inch (0.7 N-M)

Step 4:
For heat dissipation, please keep a minimum clearance of 60 mm on the rear of the HMI.



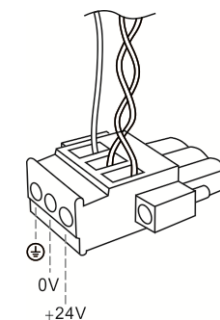
Unit: mm

Wiring:

Type	Wire gauge (AWG)	Stripped length	Torque
Solid	24 - 12	7 - 8 mm	5 kg-cm (4.3 lb-in)
Stranded	24 - 12	7 - 8 mm	5 kg-cm (4.3 lb-in)



Please refer to the following diagram when wiring the power connector. The temperature rating of the cable must be greater than 75°C (167°F).



DOP-107CV / DOP-107EV COM1

COM Port	Pin	MODE1
		RS-232
	1	-
	2	RXD
	3	TXD
	4	-
	5	GND
	6	-
	7	RTS
	8	CTS
	9	-

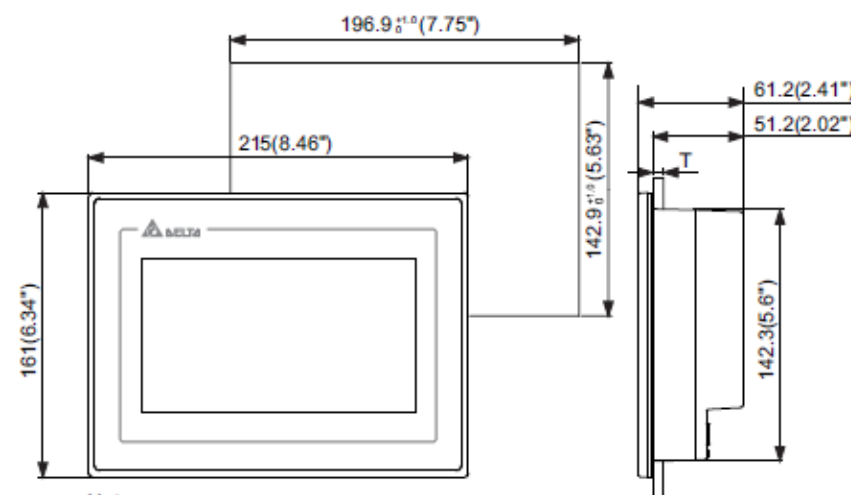
DOP-107CV / DOP-107EV COM2

COM Port	Pin	MODE1		MODE2		MODE3	
		COM2	COM3	COM2	COM3	COM2	COM3
		RS-232	RS-485	RS-485	RS-485	RS-232	RS-422
	1	-	-	D+	-	-	TXD+
	2	RXD	-	-	-	RXD	-
	3	TXD	-	-	-	TXD	-
	4	-	D+	-	D+	-	RXD+
	5	GND	-	GND	-	GND	-
	6	-	-	D-	-	-	TXD-
	7	RTS	-	-	-	RTS	-
	8	CTS	-	-	-	CTS	-
	9	-	D-	-	D-	-	RXD-

Note: mark "-" means connection is not required.

(4) Mounting dimensions

DOP-107CV / DOP-107EV



Note:
T=1.6 mm ~ 6 mm (0.063" ~ 0.24")

Unit: mm (inch)

Operation temperature: 0°C to 50°C (32°F to 122°F)
Storage temperature: -20°C to 60°C (-4°F to 140°F)

(6) Hardware specifications

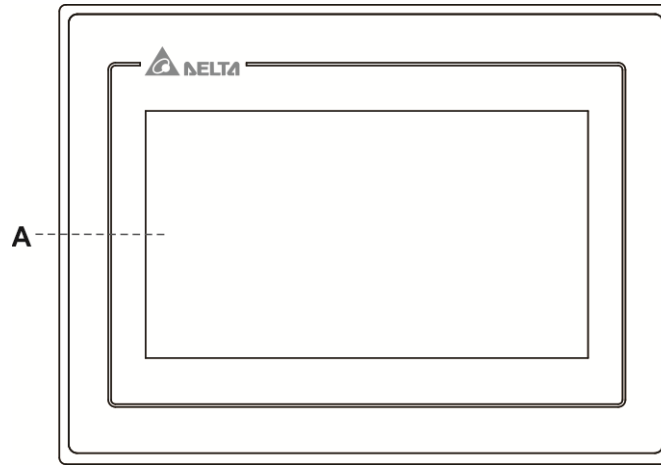
Model		DOP-107CV	DOP-107EV
Display	Panel type	7" TFT LCD (65535 colors)	
	Resolution	800 x 480 pixels	
	Backlight	LED Back Light (half-life under room temperature 25°C > 20,000 hours) ¹	
	Display range	154.08 x 85.92 mm	
	Brightness	400 cd / m ² (Typ.)	
CPU		ARM Cortex-A8 (800 MHz)	
Flash ROM		256 Mbytes	
RAM		256 Mbytes	
Touchscreen		4-wire resistive touchscreen > 10,000,000 operated	
Buzzer		Multi-tone Frequency (2K – 4K Hz) / 80 dB	
Network interface		N/A	1 Port, 10 / 100 Mbps auto detection (built-in isolated circuit) ²
USB		1 USB Slave Ver. 2.0; 1 USB Host Ver. 2.0	
SD		N/A	
Serial communication port	COM1	RS-232 (supporting flow control) ²	
	COM2	RS-232 (supporting flow control) / RS-485 ²	
	COM3	RS-422 / RS-485 ²	
Auxiliary function key		N/A	
Calendar		Built-in	
Cooling method		Natural cooling	
Approvals		CE / UL (please use shielding network cable and magnetic ring with the filter of 300 ohm / 100 MHz)	
Panel waterproof level		IP65 / NEMA4 / UL TYPE 4X (indoor use only)	
Operation voltage ²		DC +24V (-15% to +15%) (please use an isolated power supply) Supplied by Class 2 or SELV circuit (isolated from MAINS by double insulation)	
Leakage current		500 V _{AC} for 1 minute (between DC24V terminal and FG terminal)	
Power consumption ²		8.5 W (Max) ³	8.76 W (Max) ³
Backup battery		3V lithium battery CR2032 × 1	
Backup battery life		About 3 years or more at 25°C (subject to operation temperature and condition)	
Operation temperature		0°C to 50°C (32°F to 122°F)	
Storage temperature		-20°C to +60°C (-4°F to 140°F)	
Operating environment		10% to 90% RH [0°C - 40°C], 10% to 55% RH [41°C - 50°C]; pollution degree: 2	
Vibration resistance		Conforms to IEC61131-2: continuous vibration 5 Hz - 8.3 Hz with amplitude 3.5 mm; 8.3 Hz - 150 Hz with amplitude 1G	
Shock resistance		Conforms to IEC60068-2-27: 11 ms, 15 G Peak, in X, Y, Z directions each for 6 times	
Dimension (W) x (H) x (D) mm		215 x 161 x 61.2	
Mounting dimension (W) x (H) mm		196.9 x 142.9	
Weight		Approx. 970 g	

DOP-107EV DOP-107CV

Yü

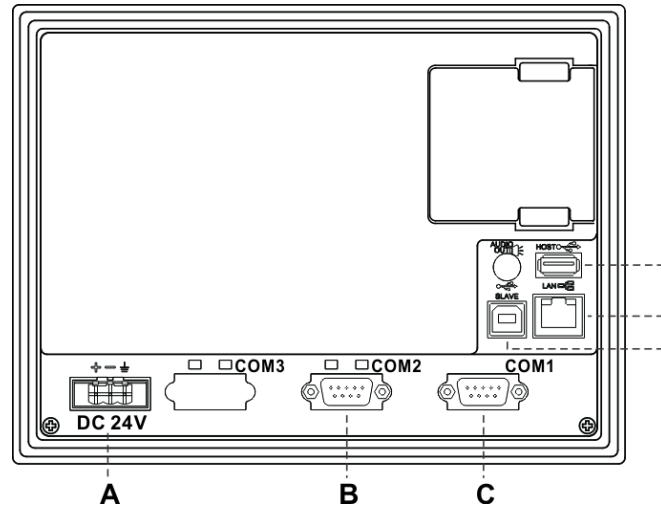
(3) Parça Açıklamaları

DOP-107CV / DOP-107EV (Ön Görünüm)



A Dokunmatik Ekran / Display

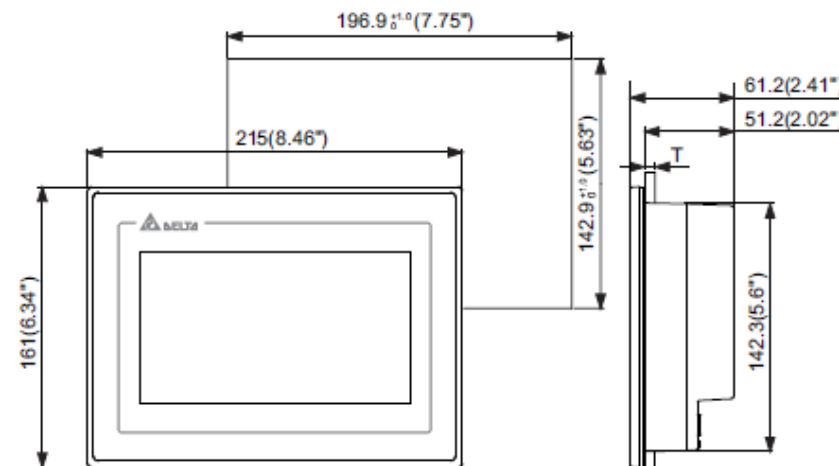
DOP-107CV / DOP-107EV (Arka Görünüm)



Label	Description	Label	Description
A	Güç Giriş Soketi (24AWG kablo min.)	B	COM2/COM3
C	COM1	D	USB Host
E	Network portu (LAN) Sadece DOP-107EV	F	USB Slave

(4) Montaj Ölçüleri

DOP-107CV / DOP-107EV



Note:
T=1.6 mm ~ 6 mm (0.063" ~ 0.24")

Çalışma Sıcaklığı: 0°C ~ 50°C (32°F ~ 122°F)

Depolama Sıcaklığı: -20°C ~ 60°C (-4°F ~ 140°F)

Birim: mm (inç)

(5) Montaj ve Kablolama

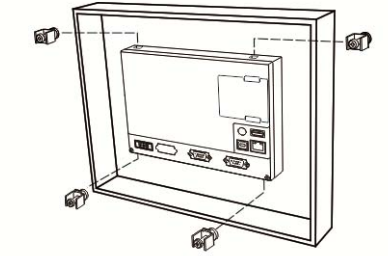
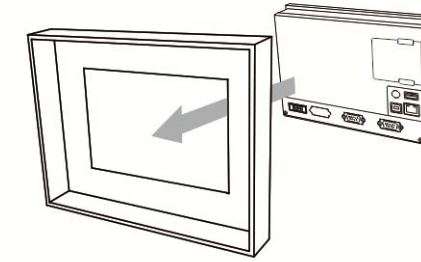
Önlemler:

- Yanlış kurulum arızalara sebep olabilir.
- HMI'in iyi havalandırıldığından emin olmak için, HMI ile yakın objeler veya duvarlar arasında yeterli boşluk olduğundan emin olun.
- Bu ürün, 4X standartına uygun bir kasa / platform (sadece kapalı alanda kullanım) üzerinde kullanılmalıdır.
- Montaj için kullanılan panelin kalınlığı 5 mm'den az olmalıdır.
- Sadece bakır kondansatör.

Montaj Adımları:

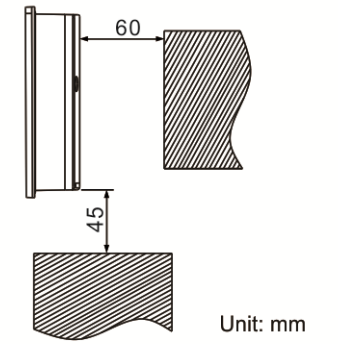
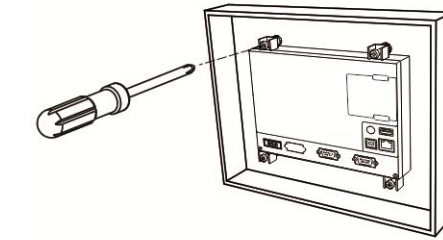
Adım 1:
HMI içine su geçirmez contanın takıldığına emin olunuz ve sonra pano boşluğuna yerleştiriniz.

Adım 2:
Montaj aparatlarını HMI'in yuvalarına yerleştiriniz ve sonra panoya değene kadar vidaları sıkınız.



Adım 3:
Plastik kasaya zarar vermemek için vidayı 0.5 N-M'den fazla 0.7 N-M'den az torak ile sıkınız.
DOP-107CV / DOP-107EV Torak:
6.17 lb-inç (0.7N-M)

Adım 4:
Isı dağılımı sağlanabilmesi için HMI arka paneli ile duvar, kurulum yüzeyi veya başka kontrol cihazı ile arasında en az 60 mm boşluk bırakınız.



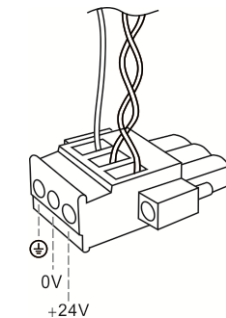
Unit: mm

Kablolama:

Tip	Kablo Ölçüsü (AWG)	Soyma Uzunluğu	Tork
Tek Damarlı	24 - 12	7 - 8 mm	5 kg-cm (4.3 lb-in)
Çok Damarlı	24 - 12	7 - 8 mm	5 kg-cm (4.3 lb-in)



Besleme konektörü bağlantısının aşağıdaki şekilde gösterildiği gibi yapıldığına emin olunuz. Kablo sıcaklık dayanım derecesi 75°C (167°F)'den yüksek olmalıdır.



DOP-107CV / DOP-107EV COM1 port

COM Port	Pin	MOD 1
		RS-232
	1	-
	2	RXD
	3	TXD
	4	-
	5	GND
	6	-
	7	RTS
	8	CTS
	9	-

DOP-107CV / DOP-107EV COM2 port

COM Port	Pin	MOD 1		MOD 2		MOD 3	
		COM2	COM3	COM2	COM3	COM2	COM3
		RS-232	RS-485	RS-485	RS-485	RS-232	RS-422
	1	-	-	D+	-	-	TXD+
	2	RXD	-	-	-	RXD	-
	3	TXD	-	-	-	TXD	-
	4	-	D+	-	D+	-	RXD+
	5	GND	-	GND	-	GND	-
	6	-	-	D-	-	-	TXD-
	7	RTS	-	-	-	RTS	-
	8	CTS	-	-	-	CTS	-
	9	-	D-	-	D-	-	RXD-

Not: "-" olarak yazılan pinlere bağlantı yapılmaz.

(6) Donanımsal Özellikler

Model		DOP-107CV	DOP-107EV
Ekran	Panel Tipi	7" TFT LCD (65535 Renk)	
	Çözünürlük	800 x 480 Piksel	
	Aydınlatma	LED Aydınlatma (Yarım ömürde 25°C'de 20,000 saatten az) ^{*1}	
	Ekran Ölçüsü	154.08 x 85.92 mm	
	Parlaklık	400 cd / m ² (Tipik.)	
CPU		ARM Cortex-A8 (800 MHz)	
Flash ROM		256 Mbytes	
RAM		256 Mbytes	
Dokunmatik		4 kablolu Rezistif Dokunmatik Ekran > 10,000,000 dokunma	
Buzzer		Multi-tone Frequency (2K – 4K Hz) / 80 dB	
Ethernet Arabirimi		Yok	1 Port, 10 / 100 Mbps oto tanıma (Dâhili izolasyon devresi) ^{*2}
USB		1 USB Slave Ver. 2.0; 1 USB Host Ver. 2.0	
SD		Yok	
Seri Haberleşme Portu	COM1	RS-232 (Flow Kontrol Destekler) ^{*2}	
	COM2	RS-232 (Flow Kontrol Destekler) / RS-485 ^{*2}	
	COM3	RS-422 / RS-485 ^{*2}	
Fonksiyon Tuşları		Yok	
Takvim		Dâhili	
Soğutma Metodu		Doğal Soğutma	
Sertifikalar		CE / UL (Lütfen ekranlı Ethernet kablosu ve 300 ohm/100 MHz filtre ile manyetik halka kullanınız)	
Su Geçirmezlik Seviyesi		IP65 / NEMA4 / UL Tip 4X (Bina içi kullanım içindir)	
Çalışma Voltajı ^{*2}		DC +24V (-15% ~ +15%) (Lütfen dâhili filtreli güç kaynağı kullanınız.) SELV ile beslenir. (Şebeke hattından çift yalıtım ile izole edilmiştir)	
Kaçak Akım Dayanımı		1 dakika için 500 V _{AC} (DC24V terminal ve FG terminalleri arası)	
Güç Tüketimi ^{*2}		8.5 W (Maks) ^{*3}	8.76 W (Maks) ^{*3}
Yedekleme Pili		3V lityum pil CR2032 × 1	
Yedekleme Pil Ömrü		Normal koşullarda 25°C'de 3 yıl veya daha fazla.	
Çalışma Sıcaklığı		0°C ~ 50°C (32°F ~ 122°F)	
Depolama Sıcaklığı		-20°C ~ +60°C (-4°F ~ 140°F)	
Çalışma Ortamı		10% ~ 90% RH [0°C - 40°C], 10% ~ 55% RH [41°C - 50°C]; Kirlenme Derecesi: 2	
Titreşim Direnci		IEC61131-2 ile uyumlu; Sürekli: 5 Hz ~ 8.3 Hz 3.5 mm, 8.3 Hz ~ 150 Hz 1 G	
Şok Direnci		IEC60068-2-27 ile uyumlu: 11 ms, 15 G Pik, X, Y, Z yönünde 6 kere	
Ölçüleri (G) x (Y) x (D) mm		215 x 161 x 61.2	
Kesim Ölçüleri (G) x (Y) mm		196.9 x 142.9	
Ağırlık		Yaklaşık. 970 g	

Delta Greentech Elektronik San. Ltd. Şti.

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A Blok Ümraniye / İstanbul, Türkiye
TEL: +90 216 499 99 10 Fax: + 90 216 499 80 70
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Taiwan

31-1 Xingbang Road,

Gulshan Industrial Zone,

Tsoyuan County 33370,

Taiwan

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1686 Jiangxing East Road,

Wujiang Economic Development Zone

Wujiang City, Jiang Su Province,

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FAX: 86-769-6340-7290

DOP-107EV DOP-107CV

DOP-107CV/DOP-107EV COM1 定義

COM Port 示意圖	腳位	MODE1
	1	RS-232
	2	-
	3	RXD
	4	TXD
	5	-
	6	GND
	7	-
	8	RTS
	9	CTS

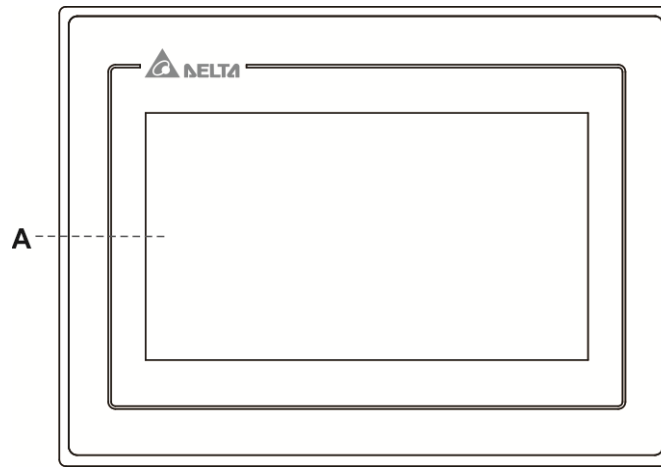
DOP-107CV/DOP-107EV COM2 定義

COM Port 示意圖	腳位	MODE1		MODE2		MODE3	
		COM2	COM3	COM2	COM3	COM2	COM3
		RS-232	RS-485	RS-485	RS-485	RS-232	RS-422
	1	-	-	D+	-	-	TXD+
	2	RXD	-	-	-	RXD	-
	3	TXD	-	-	-	TXD	-
	4	-	D+	-	D+	-	RXD+
	5	GND	-	GND	-	GND	-
	6	-	-	D-	-	-	TXD-
	7	RTS	-	-	-	RTS	-
	8	CTS	-	-	-	CTS	-
	9	-	D-	-	D-	-	RXD-

註：未標示處不需連接

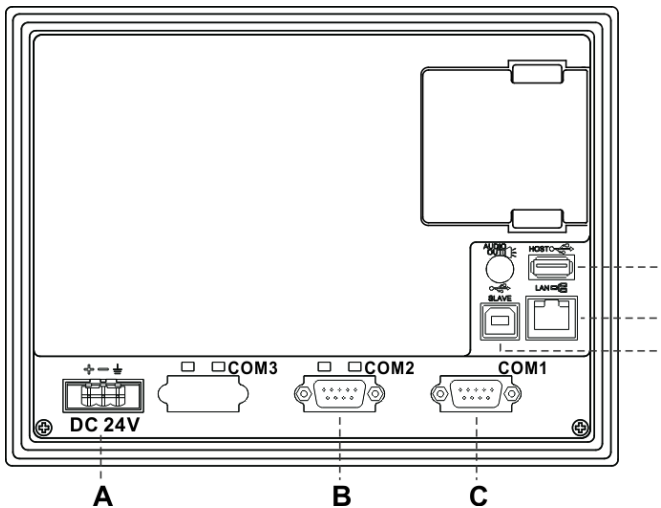
(3) 各部位說明

DOP-107CV / DOP-107EV (正面)



A 操作 / 顯示區域

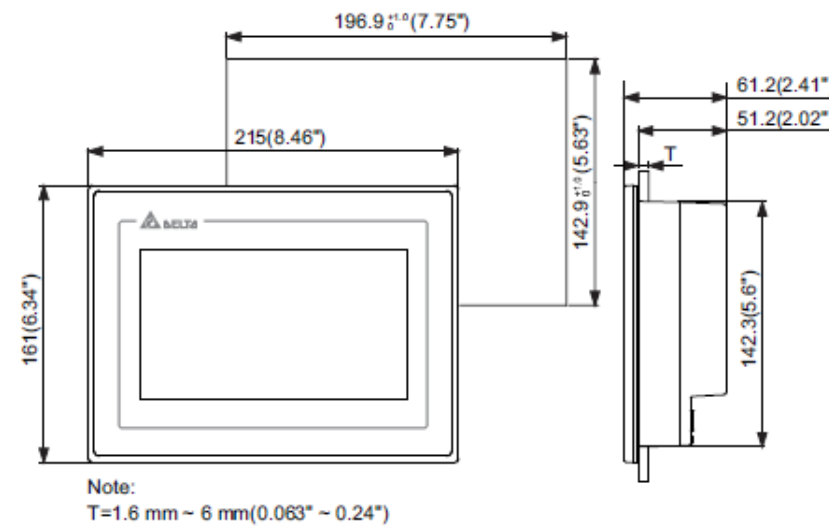
DOP-107CV / DOP-107EV (背面)



A	電源輸入端子 (24AWG wire min.)	B	COM2/COM3
C	COM1	D	USB Host
E	網路埠 (LAN) Only for DOP-107EV	F	USB Slave

(4) 開孔尺寸

DOP-107CV / DOP-107EV



單位：mm (inch)

操作溫度為 0°C ~ 50°C；儲存溫度為 -20°C ~ +60°C

(5) 安裝方向與配線

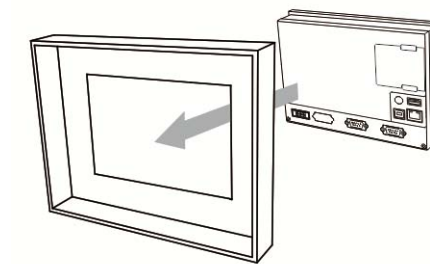
注意事項：

- 安裝方向必須依規定，否則會造成故障。
- 為了使冷卻循環效果良好，安裝人機介面時，其上下左右與相鄰的物品和擋板(牆)必須保持足夠的空間，否則會造成散熱不良。
- 使用於 Type 4X 室內用等級之外殼平面。
- 安裝面板最大板厚請勿超過 5 mm。
- 請用銅製導線。

安裝示意圖：

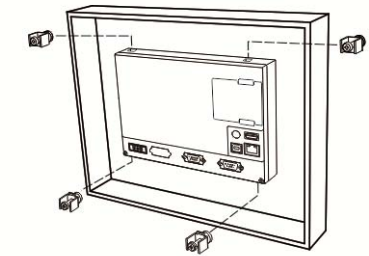
步驟一：

請確實將防水墊圈裝入，然後再安裝人機介面。



步驟二：

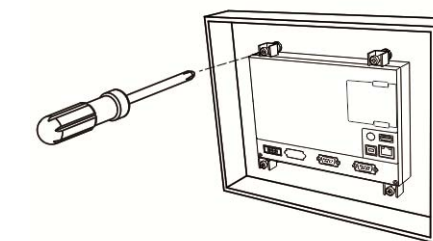
請確實將固定片螺絲組裝入內，然後下方鉤住前蓋螺絲頭頂住控制箱內側。



步驟三：

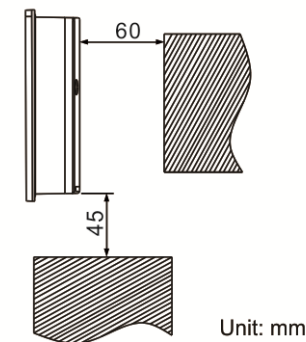
請以 0.5 N-M / 0.7 N-M 扭力鎖緊，切記不可超過此扭力，否則將造成塑膠外殼的損壞。

DOP-107CV/DOP-107EV 扭力：6.17 lb-inch (0.7N-M)



步驟四：

安裝時，人機後方請預留 60 mm 散熱空間。

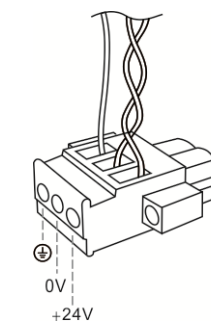


配線：

種類	電源配線(AWG)	剝線長度	扭力
單芯線	24 ~ 12	7 ~ 8 mm	5 kg-cm (4.3 lb-in)
多芯線	24 ~ 12	7 ~ 8 mm	5 kg-cm (4.3 lb-in)



請參考下圖電源接頭端子進行配線，安裝與配線要求至少使用耐溫等級 75°C 以上：



(6) 硬體規格

型號		DOP-107CV	DOP-107EV
顯示器	面板種類	7" TFT LCD (65535 色)	
	解析度	800 x 480 pixels	
	背光燈	LED Back Light (常溫 25°C 下半衰期 > 2 萬小時) ¹	
	顯示範圍	154.08 x 85.92 mm	
	亮度	400 cd / m ² (Typ.)	
中央處理器		ARM Cortex-A8 (800MHz)	
Flash ROM		256 Mbytes	
RAM		256 Mbytes	
觸控面板		四線電阻式 > 10,000,000 operated	
蜂鳴器		Multi-Tone Frequency (2K ~ 4K Hz) / 80dB	
網路介面		N/A	1 Port, 10/100 Mbps 自動偵測 (內建隔離電路) ²
USB		1 USB Slave Ver 2.0 ; 1 USB Host Ver 2.0	
SD		N/A	
串列通訊埠	COM1	RS-232 (支援流量控制) ²	
	COM2	RS-232 (支援流量控制) / RS-485 ²	
	COM3	RS-422 / RS-485 ²	
輔助鍵		N/A	
萬年曆		內建	
冷卻方式		自然冷卻	
安規認證		CE / UL (請使用 shielding 網路線與使用磁環 300 ohm / 100 MHz 濾波)	
面板防水等級		IP65 / NEMA4 / UL TYPE 4X (僅限用於室內環境)	
工作電壓 ²		DC +24V (-15% ~ +15%) (請使用隔離式電源供應器) Supplied by Class 2 or SELV circuit (isolated from MAINS by double insulation)	
絕緣耐力		DC24V 端子與 FG 端子間 : AC500V, 1 分鐘	
消耗功率 ²		8.5 W (Max) ³	8.76 W (Max) ³
記憶體備份電池		3V 鋰電池 CR2032 × 1	
備份電池壽命		依使用環境溫度及使用條件而不同 · 常溫 25°C 下壽命約三年以上	
操作溫度		0°C ~ 50°C	
儲存溫度		-20°C ~ +60°C	
工作環境		10% ~ 90% RH [0 ~ 40°C] · 10% ~ 55% RH [41 ~ 50°C] · 污染等級 2	
耐震動		IEC61131-2 規定連續震動 5 Hz ~ 8.3 Hz 3.5 mm, 8.3 Hz ~ 150 Hz 1G	
耐衝擊		IEC60068-2-27 規定耐衝擊 11 ms, 15G Peak, X, Y, Z 方向各 6 次	
尺寸 (W) x (H) x (D) mm		215 x 161 x 61.2	
開孔尺寸 (W) x (H) mm		196.9 x 142.9	
重量		約 970 g	

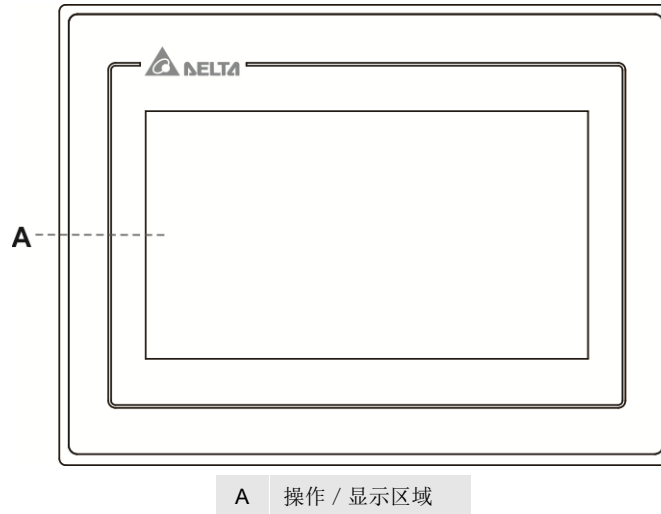


DOP-107EV DOP-107CV

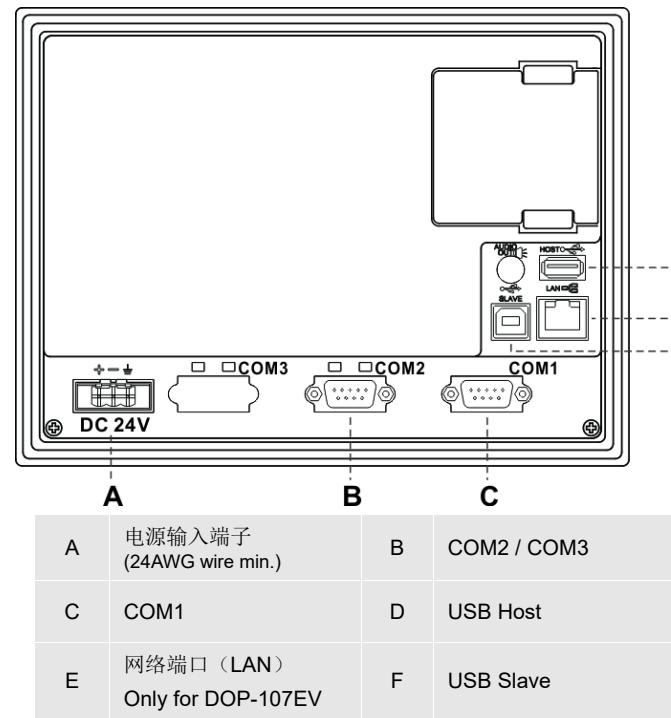


(3) 各部位说明

DOP-107CV / DOP-107EV (正面)

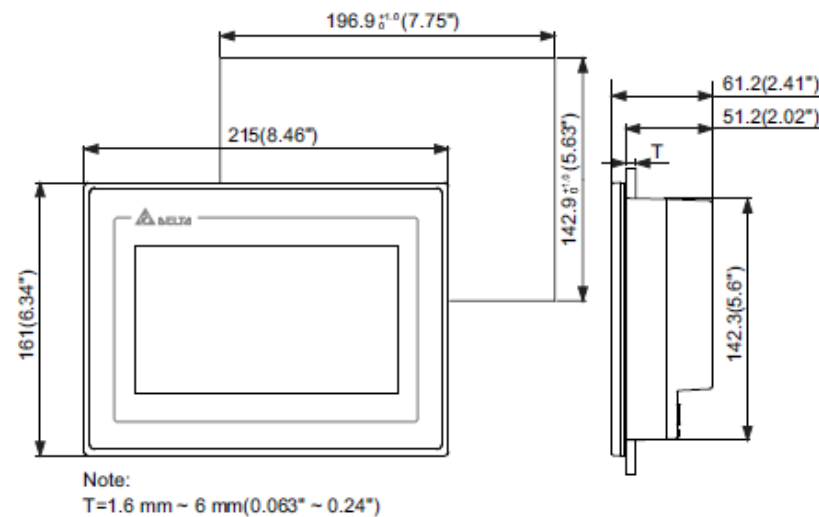


DOP-107CV / DOP-107EV (背面)



(4) 开孔尺寸

DOP-107CV / DOP-107EV



单位: mm (inch)

操作温度为 0°C ~ 50°C; 储存温度为 -20°C ~ +60°C

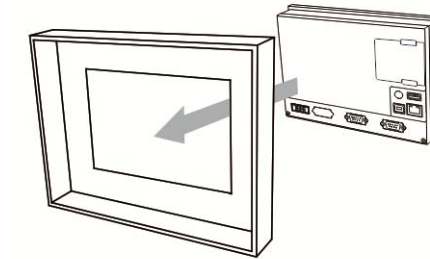
(5) 安装方向与配线

注意事项:

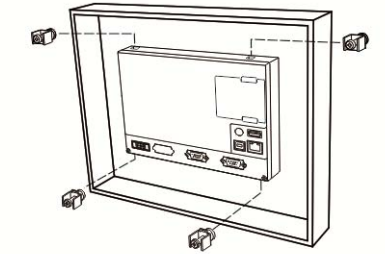
- 安装方向必须依规定, 否则会造成故障。
- 为了使冷却循环效果良好, 安装人机界面时, 其上下左右与相邻的物品和挡板(墙)必须保持足够的空间, 否则会造成散热不良。
- 使用于 Type 4X 室内用等级的外壳平面。
- 安装面板最大板厚请勿超过 5 mm。
- 请用铜制导线。

安装示意图:

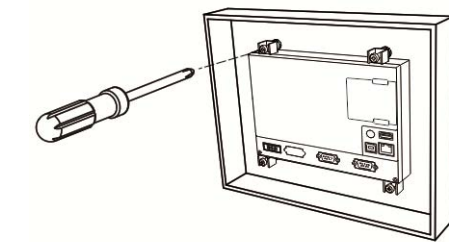
步骤一:
请确实将防水垫圈装入, 然后再安装人机界面。



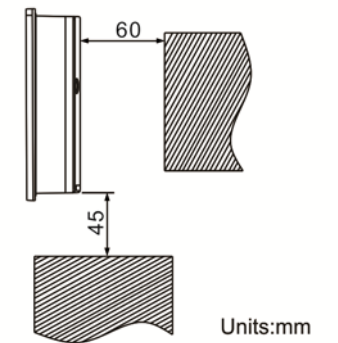
步骤二:
请确实将固定片螺丝组装入内, 然后下方钩住前盖螺丝头顶住控制箱内侧。



步骤三:
请以 0.5 N-M / 0.7 N-M 扭力锁紧, 切记不可超过此扭力, 否则将造成塑胶外壳的损坏。
DOP-107CV/DOP-107EV 扭力: 6.17 lb-inch (0.7N-M)



步骤四:
安装时, 人机后方请预留 60 mm 散热空间。

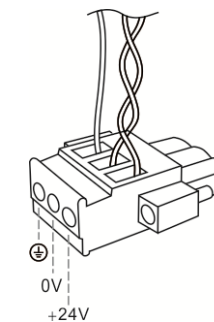


配线:

种类	电源配线(AWG)	剥线长度	扭力
单芯线	24 ~ 12	7 ~ 8 mm	5 kg-cm (4.3 lb-in)
多芯线	24 ~ 12	7 ~ 8 mm	5 kg-cm (4.3 lb-in)



请参考下图电源接头端子进行配线, 安装与配线要求至少使用耐温等级 75°C 以上:



DOP-107CV/DOP-107EV COM1 定义

COM Port 示意图	脚位	MODE1
		RS-232
	1	-
	2	RXD
	3	TXD
	4	-
	5	GND
	6	-
	7	RTS
	8	CTS
	9	-

DOP-107CV/DOP-107EV COM2 定义

COM Port 示意图	脚位	MODE1		MODE2		MODE3	
		COM2	COM3	COM2	COM3	COM2	COM3
		RS-232	RS-485	RS-485	RS-485	RS-232	RS-422
	1	-	-	D+	-	-	TXD+
	2	RXD	-	-	-	RXD	-
	3	TXD	-	-	-	TXD	-
	4	-	D+	-	D+	-	RXD+
	5	GND	-	GND	-	GND	-
	6	-	-	D-	-	-	TXD-
	7	RTS	-	-	-	RTS	-
	8	CTS	-	-	-	CTS	-
	9	-	D-	-	D-	-	RXD-

注: 未标示处不需连接

(6) 硬件规格

型号		DOP-107CV	DOP-107EV
显示器	面板种类	7" TFT LCD (65535 色)	
	解析度	800 x 480 pixels	
	背光灯	LED Back Light (常温 25°C 下半衰期 > 2 万小时) ¹	
	显示范围	154.08 x 85.92 mm	
	亮度	400 cd / m ² (Typ.)	
中央处理器		ARM Cortex-A8 (800MHz)	
Flash ROM		256 Mbytes	
RAM		256 Mbytes	
触摸屏		四线电阻式 > 10,000,000 operated	
蜂鸣器		Multi-Tone Frequency (2K ~ 4K Hz) / 80dB	
网络界面		N/A	1 Port, 10/100 Mbps 自动检测 (内建隔离电路) ²
USB		1 USB Slave Ver 2.0; 1 USB Host Ver 2.0	
SD		N/A	
串行通讯端口	COM1	RS-232 (支持流量控制) ²	
	COM2	RS-232 (支持流量控制) / RS-485 ²	
	COM3	RS-422 / RS-485 ²	
辅助键		N/A	
实时时钟		内建	
冷却方式		自然冷却	
安规认证		CE / UL (请使用 shielding 网络线与使用磁环 300 ohm / 100 MHz 滤波)	
面板防水等级		IP65 / NEMA4 / UL TYPE 4X (仅限于室内环境)	
工作电压 ²		DC +24V (-15% ~ +15%) (请使用隔离式电源供应器) Supplied by Class 2 or SELV circuit (isolated from MAINS by double insulation)	
绝缘耐力		DC24V 端子与 FG 端子间: AC500V, 1 分钟	
消耗功率 ²		8.5 W (Max) ³	8.76 W (Max) ³
存储器备份电池		3V 锂电池 CR2032 x 1	
备份电池寿命		依使用环境温度及使用条件而不同, 常温 25°C 下寿命约三年以上	
操作温度		0°C ~ 50°C	
储存温度		-20°C ~ +60°C	
工作环境		10% ~ 90% RH [0 ~ 40°C], 10% ~ 55% RH [41 ~ 50°C], 污染等级 2	
耐震动		IEC61131-2 规定连续震动 5 Hz ~ 8.3 Hz 3.5 mm, 8.3 Hz ~ 150 Hz 1G	
耐冲击		IEC60068-2-27 规定耐冲击 11 ms, 15G Peak, X, Y, Z 方向各 6 次	
尺寸 (W) x (H) x (D) mm		215 x 161 x 61.2	
开孔尺寸 (W) x (H) mm		196.9 x 142.9	
重量		约 970 g	

注:

- 背光模块半衰期的定义: 最大驱动电流下, 背光亮度衰退到最大亮度的一半时, 即为半衰期。所标示的寿命时间为 25°C 常温常湿工作环境下的预估值。
- 隔离电路耐受规格: 可承受 1 分钟 1500 V 高压突波。
- 消耗功率为无外接周边设备时, 人机本体所消耗的功率。建议选用的电源供应器容量为标示消耗功率的 1.5 ~ 2 倍, 以确保人机工作正常。
- 建议使用隔离式电源供应器。
- DOP-100 系列编辑软体 DOPSoft 系列及其使用操作手册, 可由台达网站下载取得, 网址为 <http://www.delta.com.tw/ia>。
- DOP-100 系列适用于工业自动化设备, 请仔细阅读此说明, 并依指示安装避免产生危险。

部件名称 Part Name	有毒物质 -Hazardous Substances					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬 (Cr VI)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
金属部件 Metal Part	X	O	O	O	O	O
塑料部件 Plastic Part	O	O	O	O	O	O
电子件 Electronic	X	O	O	O	O	O
触点 Contacts	O	O	X	O	O	O
线缆和线缆附件 Cable & Cabling accessories	X	O	O	O	O	O
电池 Bttery	O	O	O	O	O	O

本表格依据 SJ/T 11364 的规定编制。

O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。



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This table is made according to SJ/T 11364.

O: Indicates that the concentration of hazardous substance in all of the homogeneous materials for this part is below the limit as stipulated in GB/T 26572.

X: Indicates that concentration of hazardous substance in at least one of the homogeneous materials used for this part is above the limit as stipulated in GB/T 26572.