

**HDC enclosures
HDC 40D SDLU 1PG29G****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

The cleverly designed interlock system is manufactured from stainless steel. This guarantees a long lifespan with high resistance to corrosion and impact.

The housing interlock system provides integrated safety. Our unique, patented spring system provides the housing interlock with a secure grip and prevents accidental opening.

The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned.

Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

General ordering data

Type	HDC 40D SDLU 1PG29G
Order No.	1658410000
Version	HDC enclosures, Size: 6, Protection degree: IP 65, Base enclosure, End-locking clamp, lower side, high, with cover, Size of cable entries: PG 29
GTIN (EAN)	4008190411459
Qty.	1 pc(s).

HDC enclosures HDC 40D SDLU 1PG29G

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technical data

Dimensions and weights

Length	117 mm	Width	99.5 mm
Height	102 mm	Mounting dimension - width	105 mm
Mounting dimension - height	45 mm	Net weight	531 g

Dimensions

Total length housing	93.3 mm	Width housing C	43 mm
Width base C1	56.5 mm	Height of housing B	102 mm
Height of base B1	5 mm	Hole pitch length A2	105 mm
Cable entry	w. threading		

General data

Protection class note	Protection class with secured cover: IP 65	Housing main material	diecast aluminium
-----------------------	--	-----------------------	-------------------

Version

Internal thread	PG 29	Design of housing	Base enclosure
Size	6	Design	high
Top part/bottom part/lid	lower part	Design of locking system	End-locking clamp, lower side
Cable entry	w. threading	Size of cable entries	PG 29
Number of cable entry on top	0	Number of cable entry sideways	1
Cover	with cover	Design of cover	with cover

Classifications

ETIM 3.0	EC000437	UNSPSC	30-21-18-01
eClass 5.1	27-14-34-19	eClass 6.2	27-26-12-03
eClass 7.1	27-44-02-02		

Approvals

Approvals



ROHS Conform

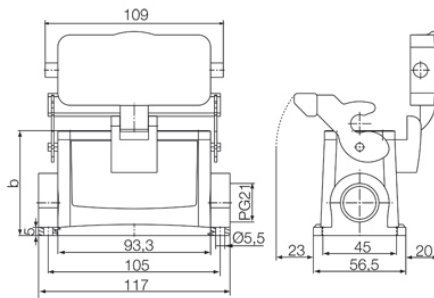
Downloads

PDF	1658410000 HDC 40D SDLU 1PG29G STP_Blatt_1.pdf
IGES	1658410000 HDC 40D SDLU 1PG29G STP.igs
VRML	1658410000 HDC 40D SDLU 1PG29G STP.wrl
EPLAN	EPLAN/1658410000.MZF
3-D model	

HDC enclosures HDC 40D SDLU 1PG29G

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings



Addresses worldwide

Let's connect.

AE United Arab Emirates
Weidmüller Middle East FZE
Warehouse Q3-79
SAIF-Zone
P.O. BOX 8591
Sharjah
Tel. +971 65572723
Fax +971 65572724
wme.info@weidmueller.com

AO Angola
Please contact
Phambili Interface
South Africa

AR Argentina
CPI SA
Bauness 2660
C1431DOF Buenos Aires
Tel. +54 11 4523 8008
Fax +54 11 4522 0546
info@cpi.com.ar
www.cpi.com.ar

AT Austria
Weidmüller GmbH
IZ NOE Süd Straße 2b, Obj
M 59
2355 Wiener Neudorf
Tel. +43 2236 67080
Fax +43 2236 6708-899
office.at@weidmueller.com
www.weidmueller.com

AU Australia
Weidmüller Pty. Ltd.
PO BOX 6944
Huntingwood 2148
Huntingwood Drive 43
Huntingwood NSW 2148
Tel. +61 2 9671 9999
Fax +61 2 9671 9911
info@weidmuller.com.au
www.weidmuller.com.au

AZ Azerbaijan
Representative Office
Rashad Mahmudov
Demirchi Tower, 4th floor
37, Khojali ave.
AZ 1025 Baku
Tel. +994 12 488 80 36
Fax +994 12 488 80 37
rashad.mahmudov@
weidmueller.com

BA Bosnia and Herzegovina
Please contact
our Representative Office
Weidmüller Interface GmbH
& Co. KG
Serbia

or
BIG electric d.o.o
Mladena Stojanovića 117A
78000 Banja Luka
Tel. +387 51926277
Fax +387 51926277
bigelectric@blic.net
www.bigelectric.ba

BE Belgium
Weidmüller Benelux B. V.
Mechelsesteenweg 519 bus
6 en 7
1930 Nossegem
Tel. +32 2 752 40 70
Fax +32 2 751 36 06
info@weidmueller.be
www.weidmueller.be

BG Bulgaria
Weid-Bul EOOD
Bul. „Kliment Ohridski“ 13
1756 Sofia
Tel. +359 2 963 2560
Fax +359 2 963 1098
sofia@weidbul.com
www.weidbul.com

BH Bahrain
Khayber Trading Company
P.O Box 1976
Manama
Tel. +973 720747
Fax +973 720331
khayber@batelco.com.bh

BR Brazil
Weidmüller Conexel do Brasil
Conexões Elétricas Ltda.
Av. Presidente Juscelino, 642
- Piraporinha
Diadema, São Paulo
09950-370
Tel. +55 (11) 4366-9600
Fax +55 (11) 4362-1677
vendas@weidmueller.com.br
www.weidmueller.com.br

BW Botswana
Please contact
Phambili Interface
South Africa

BY Belarus
TECHNIKON Ltd.
Nezavisimosti pr. 177-9
220125 Minsk
Tel. +375 17 393-11-77
Fax +375 17 3930080
wm@technikon.by

CA Canada
W Interconnections Canada
Inc.
10 Spy Court
Markham Ontario L3R 5H6
Tel. +1 (905) 475-1507
Ext. 9836
Fax +1 (905) 475-2798
support@weidmuller.ca
www.weidmuller.ca

CG Congo
Please contact
Phambili Interface
South Africa

CH Switzerland
Weidmüller Schweiz AG
Rundbuckstraße 2
8212 Neuhausen am
Rheinfall SH
Tel. +41 52 674 07 07
Fax +41 52 674 07 08
info@weidmueller.ch
www.weidmueller.ch

CL Chile
ATS-INTECH
Maria Luisa Santander 0475
Santiago
Providencia 7500859
Tel. +56 2 341 1271
Fax +56 2 341 1275
felipe@atsintech.com
www.atsintech.com
CPI CHILE LTDA
Av. Presidente Frei Montalva
6001, 47 complejo el cortijo
Santiago - Conchalí
Tel. +562 963 8440
Fax +562 963 8440
cpi@cpichile.cl
www.cpichile.cl

CN China
Weidmüller Interface
(Shanghai) Co. Ltd.
100 Yutong Road
25 F, BM Intercontinental
Business Center
200070 Shanghai
Tel. +86 21-22195008
Fax +86 21-22195009
customer.hotline@
weidmueller.com.cn
www.cnweidmuller.com

CO Colombia
Automatización Avanzada
S. A.
Carrera 97 No., 24 c - 23
Bodega 4
110911 Bogotá-D.C.
Tel. +57 (1) 547-8510
Fax +57 (1) 422-3044
comercial@
automatizacionavanzada.com
www.
automatizacionavanzada.com

CR Costa Rica
ELVATRON S. A.
la Uruca 400 Norte Banco
Costa Rica
San Jose Costa Rica
Tel. +506 2961-060
Fax +506 5200-609
dirk.haase@elvatron.com
www.elvatron.com

CZ Czech Republic
Weidmüller s.r.o.
Lomnického 5/1705
140 00 Praha 4
Tel. +420 244 001 400
Fax +420 244 001 499
office@weidmueller.cz
www.weidmueller.cz

DE Germany
Weidmüller GmbH & Co. KG
Ohmstraße 9
32758 Detmold
Postfach 30 54
32720 Detmold
Tel. +49 5231 1428-0
Fax +49 5231 1428-116
weidmueller@weidmueller.de
www.weidmueller.de

DK Denmark
Weidmüller Danmark
Vallensbækvej 18A
2605 Brøndby
Tel. +45 27747800
kundeservice@weidmuller.dk
www.weidmuller.dk

EC Ecuador
Elsystec S. A., Electricidad
Sistemas y Tecnología
Vasco de Contreras N35-25 1
y Mañosa
Quito - Pichincha
Tel. +593 22456510
Fax +593 22456755
Elsystec@uio.satnet.net

EE Estonia
Please contact
our Representative Office
Weidmüller Interface GmbH
& Co. KG
Latvia

or

Soots Interface OÜ
Pärnu mnt 142
11317 Tallinn
Tel. +372 609 6933
Fax +372 609 6933
info@sootsinterface.ee
www.sootsinterface.ee

EG Egypt
Standard Electric (OMEGA)
87, Mohamed Farid Street
Heliopolis
Cairo
Tel. +202 26229000
Fax +202 26221555
stdelec@rite.com

ES Spain
Weidmüller, S. A.
Narcis Monturiol 11-13, Pol.
Ind. Sudoeste
8960 Sant Just
Desvern - Barcelona
Tel. +34 934 803 386
Fax +34 933 718 055
weidmuller@weidmuller.es
www.weidmuller.es

FI Finland
Weidmüller Suomi,
Weidmüller Aktiebolaget
sivulike
Koy Plaza Vivace
Äyritie 8C
FI 1510 Vantaa
Tel. +358 20 7351300
Fax +358 800 114 667
asiakaspalvelu@weidmuller.fi
www.weidmuller.fi

FR France
Weidmüller E. U. R. L.
12, Chaussée Jules César
BP 263 Osny
95523 Cergy-Pontoise Cedex
Tel. +33 1 34 24 55 00
Fax +33 1 34 24 55 01
mail@weidmuller.fr

GB Great Britain
Weidmüller Ltd.
Klippon House
Centurion Court Office Park,
Meridian East, Meridian
Business Park
Leicester
LE19 1TP
Tel. +44 116 282 3470
Fax +44 116 289 3582
marketing@weidmuller.co.uk
www.weidmuller.co.uk

GE Georgia
Please contact
our Representative Office
Rashad Mahmudov
Azerbaijan.

GR Greece
G.A. Solutions
Ippokratous 11 Metamorfosi
144 52 Athen
Tel. +30 210 2823233
Fax +30 210 2823233
info@weidmuller.gr
www.weidmuller.gr

GT Guatemala
Prestelectro, Prestegard
Electro, S.A.
Avenida Petapa 44-22,
Zona 12
Guatemala City
Tel. +502 2442-3346
Fax +502 2476-8945
ventas@prestelectro.com

HK Hong Kong
Weidmüller (Hong Kong)
Limited Co. Ltd.
Unit 1617, Metropolis Tower
No. 10 Metropolis Drive,
Hunghom, Kowloon
Tel. +852 3154 8088
Fax +852 31548099
Info-hk@weidmueller.com.hk

HR Croatia
ElektroPARTNER d.o.o.
Slavonska avenija 24/6
HR-10000 Zagreb
Tel. +385 (1) 6184 793
Fax +385 (1) 6184 795
elektropartner@zg-tcom.hr
www.elektropartner.hr

HU Hungary
Weidmüller Kereskedelmi Kft.
Budapest
Gubacsi út 6.
1097
Tel. +36 1 382 7700
Fax +36 1 382 7701
info@weidmueller.hu
www.weidmueller.hu

ID Indonesia
PT. Nego Electrindo
Ruko Mega Grosir Cempaka
Mas Blok I No. 20 - 22
Jakarta 10640
Tel. +62 21 42882255
Fax +62 21 42882266
sales@negoelectrindo.co.id

IE Ireland
Please contact
Weidmüller Ltd.
Great Britain

IL Israel
A. U. Shay Ltd.
23/25, Embar Street
49222 Petach-Tikva
P.O. Box 1 00 49
49222 Petach-Tikva
Tel. +972 3-923-3601
Fax +972 3-923-4601
shay@uriel-shay.com
www.uriel-shay.com
ATEKA Ltd.
4, Ha Tavor lane Industrial
area Segula
49691 Petach-Tikva
P.O. Box 4710
Petach-Tikva
Tel. +972 73-200-1311
Fax +972 3-924 4245
marketing@ateka.co.il
www.ateka.co.il

IN India
Representative Office
Weidmüller Electronics India
Pvt. Ltd.
12th Lane North Avenue, Opp
Joggers Park,
Kalyani Nagar, Pune
411 006
Tel. +91 20-41290090
Nitish.Rajan@weidmueller.de
www.weidmueller.com

IS Iceland
Samey Automation Center
Lyngas 13
210 Garoabaer
Tel. +354 510 5200
Fax +354 510 5201
Samey@samey.is
www.samey.is

IT Italy
Weidmüller S. r.l.
Via Albert Einstein 4
20092 Cinisello
Balsamo Milano
Tel. +39 02 660681
Fax +39 02 6124945
weidmuller@weidmuller.it
www.weidmuller.it

JM Jamaica
Please contact
W Interconnections Inc.
United States

JO Jordan
Trans Jordan for Electro
PO Box 33 06 07
Amman
Tel. +962 6 533 2020
Fax +962 6 533 5800
transjordan@batelco.jo

JP Japan
Nihon Weidmüller Co. Ltd.
Sphere Tower Tennoz 2-2-8
Higashi-Shinagawa,
Shinagawa-ku
Tokyo
140-0002
Tel. +81 3 6711 5300
Fax +81 3 6711 5333
weidmullerjapan@weidmuller.
co.jp
www.weidmuller.co.jp

KE Kenya
Please contact
Phambili Interface
South Africa

KR Korea
Weidmüller Korea Co. Ltd.
9th floor, Wonbang B/D
Samseong 2-Dong, Gangnam-Gu
Seoul 143-42
Tel. +82 2-516-0003
Fax +82 2-516-0090
info@weidmuller.co.kr
www.weidmuller.co.kr

KZ Kazakhstan
Please contact
OOO Weidmüller
Russia

LT Lithuania
Please contact
our Representative Office
Weidmüller Interface GmbH
& Co. KG
Latvia

or
ELEKTROS IRANGA
Tinklų g. 29 a
LT-5319 Panevėžys
Tel. +370 (45) 582 828
Fax +370 (45) 582 727
info@eliranga.lt

LU Luxembourg
Please contact
Weidmüller Benelux B. V.
Netherlands



You can find all Weidmüller addresses and your local contact on the internet at: www.weidmueller.com/countries

Let's connect.

Sales company 

Representation abroad 

without representation abroad 

LV Latvia SIA Abi4 Daugavgrivas 31b Riga, LV-1007 Tel. +371 674 70999 Fax +371 674 65637 abi_4@tvnet.lv Representative Office Weidmüller Interface GmbH & Co. KG Udens str. 12-118 Riga, LV-1007 Tel. +371 29254766 Fax +371 676 24562 lgonis.rudaks@weidmueller.com www.weidmueller.com	MZ Mozambique Please contact Phambili Interface South Africa	PK Pakistan Automation Controls (Pak) Apartment No. 33 C III, Chenab Block, Allama Iqbal Town Lahore Tel. +92 42 37809948 Fax +92 42 37809950 nadeem@acpak.com.pk www.acpak.com.pk	SI Slovenia Elektrospoji d. o. o. Stegne 27 SI- 1000 Ljubljana Osrednjeslovenska Tel. +386 1 511 3810 Fax +386 1 511 1604 info@elektrospoji.si www.elektrospoji.si	UA Ukraine LLC WM UKRAINE Levanevskogo str. 6 Kiev 3058 Tel. +38 044 490 32 48 Fax +38 044 490 32 49 info@wm-ua.com.ua wm-ua.com.ua/ Representative Office Weidmüller Interface GmbH & Co. KG Z. office 303 7-D, Zdobunivska str. Kiev, 2081 Mobile +38 050 440 25 24 info.ua@weidmueller.com
MD Moldova BERHORD A & D srl 79/1, str. Milescu Spartaru MD-2075 Chisinau Moldova Tel. +373 (22) 815002 Fax +373 (22) 815007 atiuleanu@berhord.com www.ad.berhord.com	NG Nigeria Please contact Phambili Interface South Africa	PL Poland Weidmüller Sp. z o. o. ul. Ogrodowa 58 00-876 Warszawa Tel. +48 22 510 09 40 Fax +48 22 510 09 41 biuro@weidmuller.com.pl www.weidmuller.pl	SK Slovakia ELEKTRIS s.r.o. Elektrárnská 1 831 04 Bratislava Tel. +421 2/4920 0113 Fax +421 2/4920 0119 bratislava@elekttris.sk	US United States W Interconnections Inc. 821 Southlake Boulevard Richmond Virginia 23236 Tel. +1 (804) 794-2877 Fax +1 (804) 379-2593 info@weidmuller.com www.weidmuller.com
ME Montenegro Please contact our Representative Office Weidmüller Interface GmbH & Co. KG Serbia.	NL Netherlands Weidmüller Benelux B. V. Franciscusweg 221 1216 SE Hilversum P.O. Box 1505 1200 BM Hilversum Tel. +31 35 626 12 61 Fax +31 35 623 20 44 info@weidmuller.nl www.weidmuller.nl	PR Puerto Rico Please contact W Interconnections Inc. United States	SV El Salvador Prestegard Electro 11 Avenida Norte No. 240 Edificio Salazar No. 2 San Salvador Tel. +503 2271 1690 Fax +503 2221 3851 prestegard@navegante.com.sv	UZ Republic of Uzbekistan Please contact OOO Weidmüller Russia
MG Madagascar Please contact Phambili Interface South Africa	NO Norway Sivilingeniør J.F. Knudtzen AS Billingstadsletta 97 1396 Billingstad PO Box 160 1378 Nesbru Tel. +47 66 98 33 50 Fax +47 66 98 09 55 firmapost@jfknudden.no www.jfknudden.no	PT Portugal Weidmüller Sistemas de Interface S. A. Estrada Outeiro Polima, R. Augusto Dias da Silva, Lote B - Esc. 2 São Domingos de Rana 2785-515 Abóboda Tel. +351 214 459 191 Fax +351 214 455 871 weidmuller@weidmuller.pt www.weidmuller.pt	SY Syria Please contact Weidmüller Middle East FZE United Arab Emirates	VN Vietnam AUMI Industrial Equipment & Automation Company Limited E1, La Thanh Hotel 218 Doi Can Street District Hanoi City Tel. +84 4 37628601 Fax +84 4 62661391 aumi@aumi.com.vn www.aumi.com.vn Representative Office Weidmüller Pte. Ltd. Level 16 Saigon Tower Building 29 Le Duan Street District 1 Ho Chi Minh Tel. +848 3520 7717 Fax +848 3520 7604 info@weidmuller.com.sg
MK Macedonia Please contact our Representative Office Weidmüller Interface GmbH & Co. KG Serbia or ELEKTRO - SMK dool UL. III Makedonska brigada b.b. 1000 Skopje Tel. +389 22460295 Fax +389 22460298 Elektro-smk@telekabel.net.mk	NZ New Zealand Cuthbert S. Stewart Ltd. 27 Te Puni Street Petone PO Box 38496 Wellington Mail Centre 5054 Tel. (04) 568 6156 Fax (04) 568 6056 csl@cuthbertstewart.co.nz Cuthbert S. Stewart Ltd 4 Fred Thomas Drive Aon Building, Ground Floor, South Entry Takapuna PO Box 100 338 North Shore City 745 Tel. (09) 489 1751 Fax (09) 489 1752 cslak@cuthbertstewart.co.nz	PY Paraguay Please contact CPI SA Argentina	SZ Swaziland Please contact Phambili Interface South Africa	TH Thailand Pisanu Engineering Co. Ltd. Kwang Dingaeng, Khet Dingaeng 800/2 Soi Trakulsuk, Asoke- dindaeng Road Dindaeng, Bangkok 10400 Tel. +66 2 248 2896 Fax +66 2 642 9220 ecsales@pisanu.co.th www.pisanu.co.th Representative Office Weidmüller Pte. Ltd. 37/F, Sathorn Square Building 98 North Sathorn Road Bangkok, Silom Bangrak 10500 Tel. +66 2 105 6300 Fax +66 2 105 6301 info@weidmuller.com.sg
MT Malta E. S. S., Electrical Supplies & Services Ltd. San Gwakkim Road Mrieħel Tel. +356 21255777 Fax +356 21255999 robert.agius@ess.com.mt	OM Oman DAN INTERNATIONAL LLC. Ghala St. 111 BP 2901 Seeb Tel. +968 5036 77 Fax +968 5037 55 yedu@danintl.com	RO Romania Representative Office Weidmüller Interface GmbH & Co. KG Ionescu Crum Street, No. 1, 1st Tower, 1st Floor, Office 4 500446 Brasov - Brasov Business Park Tel. +40 (268) 446 222 Fax +40 (268) 446 224 claudiu.totea@weidmueller.com www.weidmueller.com	TR Turkey Weidmüller Elektronik Ticaret Ltd. Sirketi Kavacik Mah. Orhan Veli Kanik Caddesi 9/1 34810 Beykoz / Istanbul Tel. +90 (216) 537 10 70 Fax +90 (216) 537 10 77 info@weidmuller.com.tr www.weidmuller.com.tr	ZA South Africa Phambili Interface PO Box 193 1609 Johannesburg, Edenvale 5 Bundo Road, Sebenza 1610 Johannesburg Tel. +27 (11) 4521930 Fax +27 (11) 4526455 info@weidmuller.co.za www.weidmuller.co.za
MU Mauritius Mubelo Electrical Ltd. Office 26, Gateway building, St Jean Road Quatre Bornes Mauritius Tel. +230 4670989 Fax +230 4654051 richard.mubelo@orange.mu	PE Peru IMPEXINCA S.A.C. Calle Ortiz de Zevallos No. 105, Urb. San Antonio 18 Lima, Miraflores Tel. +51 1 447 5608 info@impexinca.pe www.impexinca.pe J & W CIA. S. A. Calle 6 Mz. D Lte. 23, Urb. Ind. Grimanesa 1 Callao Tel. +51 1 572 2539 Fax +51 1 572 0152 contacto@jwcia.com www.jwcia.com	RU Russia OOO Weidmüller Warshavskoye highway, 25 A, bld. 6 Moskau 117105 Tel. +7 (495) 771-69-40 Fax +7 (495) 771-69-41 Info@weidmuller.ru www.weidmuller.ru	TN Tunisia Please contact Weidmüller E. U. R. L. France	ZM Zambia Please contact Phambili Interface South Africa
MW Malawi Please contact Phambili Interface South Africa	PH Philippines Enclosure Systems Specialists Inc. 2276 Don Chino Roces Avenue Extension Room 103/105 Narra Building 1231 Makati City Tel. +63 2 813 8580 Fax +63 2 813 8596 sales_encsys@pltdsl.net www.enclosuresystemsph.com	SA Saudi Arabia Please contact Weidmüller Middle East FZE United Arab Emirates	TZ Tanzania Please contact Phambili Interface South Africa	ZW Zimbabwe Please contact Phambili Interface South Africa
MX Mexico W Interconnections S. A. DE C. V. Blvd. Hermanos Serdán 698, Col. San Rafael Oriente 72029 Puebla Tel. +52 (222) 268 6227 Fax +52 (222) 286 6242 clientes@weidmuller.com.mx	SG Singapore Weidmüller AB Axel Danielssons väg 271 BOX 31025 SE-200 49 Malmö Tel. +46 77-143 00 44 Fax +46 40-37 48 60 info@weidmuller.se www.weidmuller.se	SE Sweden Weidmüller AB Axel Danielssons väg 271 BOX 31025 SE-200 49 Malmö Tel. +46 77-143 00 44 Fax +46 40-37 48 60 info@weidmuller.se www.weidmuller.se	TW Taiwan Weidmüller (Hong Kong) Limited No. 3, Lane 89, ChungYang N. Rd. 24148 SanChuang City, Taipei Tel. +886 921 949 751 roy.lin@weidmueller.com.hk	
MY Malaysia Connect Plus Technology Sdn Bhd No. 43, Jalan PJS 11/22, Bandar Sunway 46150 Petaling Jaya Selangor Darul Ehsan Tel. +60 3 5633 7363 Fax +60 3 5633 6562 paul@cptech.com.my www.cptech.com.my				