
ODHitec

ODHitec delivers advanced specialty LCD solutions built on proven expertise in development and manufacturing. Our high-brightness, sunlight-readable technology, combined with reliable LED backlight engineering, provides premium industrial displays designed to maintain exceptional clarity and performance in any environment.



OUTDOOR DISPLAY HIGE TECHNOLOGY

For all product related information and assistance, please visit : www.odhitec.com

산업용 Panel PC



Outdoor Usage

IP65, Ik08 Robust to Solar Radiation



High Brightness

1000 cd/m²



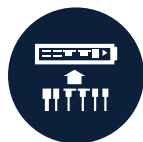
P-Cap Touch

빠른 인식 속도, 정밀한 터치감



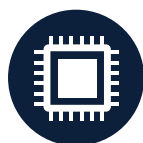
Dual Display

HDMI / LVDS



RICH I/O Connectivity

GbE LAN, USB 2.0~3.0
RS232/485



Security

TPM 2.0



Panel PC Line-up 1

Size(inch)		4.3"	7"	8"	10.1"	11.6"	12.1"	15"
Product name		ODP043CT05-G3/B3	ODP070CT04-G3/B3	ODP080CT10-G3/B3	ODP101CT03-G3/B3	ODP116CT10-X11	ODP121CT15-B3	ODP150CT15-B3
LCD	LCD Size	16:9	16:9	16:9	-	16:9	4:3	4:3
	Resolution	800×480	1024×600	1024×600	1280×800	1920×1080	800×600/1024×768	1024×768
	Brightness(typ)	450 nit	450 nit	1000 nit	300 nit	1000 nit	1000 nit	1000 nit
	Life time	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Touch	Type	P-CAP	P-CAP	P-CAP	P-CAP	P-CAP	P-CAP	P-CAP
	Touch Point	1 Point	1 Point	1 Point	1 Point	1 Point	1 Point	1 Point
	Tempered glass(3T)	IK08	IK08	IK08	IK08	IK08	IK08	IK08
Mather Board	CPU-Win	Intel Celeron® Processor J1900 (선택)				Intel® Core i5 1.6 GHz 9G	Intel Celeron® Processor J1900	Intel Celeron® Processor J1900
	RAM	DDR4 4GB/DDR3 4GB	DDR4 4GB/DDR3 4GB	DDR4 4GB/DDR3 4GB	DDR4 4GB/DDR3 4GB	DDR3 4GB	DDR3 4GB	DDR3 4GB
	SSD	EMCC/m-SATA 64G	EMCC/m-SATA 64G	EMCC/m-SATA 64G	EMCC/m-SATA 64G	m-SATA 64G	m-SATA 64G	m-SATA 64G
	Ethernet	RJ45×2	RJ45×2	RJ45×2	RJ45×2	RJ45×2	RJ45×2	RJ45×2
	COM Port	RS232×2/RS485×1	RS232×2/RS485×1	RS232×3/RS485×1	RS232×3/RS485×1	RS232×3/RS485×1	RS232×3/RS485×1	RS232×3/RS485×1
	USB	USB×2	USB×2	USB×4	USB×4	USB×4	USB×3	USB×4
	Audio	3구 Phone Jack	3구 Phone Jack	3구 Phone Jack	3구 Phone Jack	3구 Phone Jack	3구 Phone Jack	3구 Phone Jack
	OS-Windows	Win 10 IoT(64bit)	Win 10 IoT(64bit)	Win 10 IoT(64bit)	Win 10 IoT(64bit)	Win 10 IoT(64bit)	Win 10 IoT(64bit)	Win 10 IoT(64bit)
	OS-Linux	Ubuntu 22.04, 64bit	Ubuntu 22.04, 64bit	Ubuntu 22.04, 64bit	Ubuntu 22.04, 64bit	Ubuntu 22.04, 64bit	Ubuntu 22.04, 64bit	Ubuntu 22.04, 64bit
Mechanical & Environment	IP protection	IP65 / Front	IP65 / Front	IP65 / Front	IP65 / Front	IP65 / Front	IP65 / Front	IP65 / Front
	Power input	DC 12V	DC 12V	DC 12V	DC 12V / DC 24V	DC 12V	DC 12V	DC 12V
	Power Consumption	14W	15W	15W	15W	15W	30W	30W
	Operation	-20~70℃	-20~70℃	-20~70℃	-0~50℃	-20~70℃	-30~80℃(w/FAN)	-30~80℃(w/FAN)
	Storage	-30~80℃	-30~80℃	-30~80℃	-20~65℃	-30~80℃	-30~80℃	-40~85℃
	Dimension(W×H×D)	126×206×51	206×138×47.3	234×157×64	264.8×188×42.4	146×102	301.2×239.7×64.5	390×315×73.1
Weight		1.3kg (gross weight : 2.5kg)	1.6kg (gross weight : 2.4kg)	1.9 kg (gross weight : 2.7kg)	2.1kg (gross weight : 3kg)	-	5kg (gross weight : 6.5kg)	5.7 kg (gross weight : 7.1kg)

Panel PC Line-up 2

Size(inch)		15"	15"	15.6"	24"	24"	32"	43"
Product name		ODP150CT15-N3	ODP150CT10-P3	ODP156CT10-B3	ODP240CT15-B3	ODP240CT15-N3	ODP3210CT10-N3	ODP430CT10-B3
LCD	LCD Size	4:3	4:3	16:9	16:9	16:9	16:9	16:9
	Resolution	1024×768	1024×768	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080
	Brightness(typ)	1000 nit	1000 nit	1000 nit	1000 nit	1000 nit	1000 nit	1000 nit
	Life time	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Touch	Type	P-CAP	P-CAP	P-CAP	P-CAP	P-CAP	P-CAP	P-CAP
	Touch Point	1 Point	1 Point	1 Point	1 Point	1 Point	1 Point	1 Point
	Tempered glass(3T)	IK08	IK08	IK08	IK08	IK08	IK08	IK08
Mather Board	CPU-Win	Intel N97 Quad Core	Intel 12th core™ i7-1255U	Intel Celeron® J1900 quad core	Intel Celeron® J1900 quad core	Intel N97 Quad Core	Intel N97 Quad Core	Intel Celeron® Processor J1900
	RAM	DDR4 4GB	DDR4 8GB	DDR3 4GB	DDR3 4GB	DDR4 4GB	DDR4 4GB	DDR3 4GB
	SSD	128GB M.2(SATA)	128GB M.2(SATA)	m-SATA 64G	m-SATA 64G	128GB M.2(SATA)	128GB M.2(SATA)	128GB M.2(SATA)
	Ethernet	RJ45×2	RJ45×2	RJ45×2	RJ45×2	RJ45×2	RJ45×2	RJ45×2
	COM Port	RS232×3/RS485×1	RS232×3/RS485×1	RS232×3/RS485×1	RS232×3/RS485×1	RS232×3/RS485×1	RS232×3/RS485×1	RS232×3/RS485×1
	USB	USB×4	USB×4	USB×4	USB×4	USB×4	USB×4	USB×4
	Audio	1ꠔ/3ꠔ Phone Jack	1ꠔ Phone Jack	3ꠔ Phone Jack	3ꠔ Phone Jack	1ꠔ/3ꠔ Phone Jack	1ꠔ/3ꠔ Phone Jack	3ꠔ Phone Jack
	OS-Windows	Win10/11 IoT(64bit)	Win10/11 IoT(64bit)	Win 10 IoT(64bit)	Win 10 IoT(64bit)	Win 10 IoT(64bit)	Win 10 IoT(64bit)	Win 10 IoT(64bit)
	OS-Linux	Ubuntu 22.04, 64bit	Ubuntu 22.04, 64bit	Ubuntu 22.04, 64bit	Ubuntu 22.04, 64bit	Ubuntu 22.04, 64bit	Ubuntu 22.04, 64bit	Ubuntu 22.04, 64bit
Mechanical & Environment	IP protection	IP65 / Front	IP65 / Front	IP65 / Front	IP65 / Front	IP65 / Front	IP65 / Front	IP65 / Front
	Power input	DC 12V	DC 12V	DC 12V	DC 12V/24V	DC 12V/24V	AC 220V	AC 220V
	Power Consumption	43W	33W	34W	60W	80W	110W	78W
	Operation	-35~80°C(w/FAN)	-30~70°C(w/FAN)	-30~80°C(w/FAN)	-30~80°C(w/FAN)	-35~80°C(w/FAN)	-35~80°C(w/FAN)	-30~80°C(w/FAN)
	Storage	-35~80°C	-40~85°C	-30~80°C	-30~80°C	-35~80°C	-35~80°C	-30~80°C
	Dimension(W×H×D)	390.5×314.5×80.1	390×315×88.5	408×277×67.5	600×370×77.2	600×370×82.8	698.7×457×82	998×592×86.8
Weight		5.8kg (gross weight : 7.1kg)	5.7kg (gross weight : 7kg)	6kg (gross weight : 7kg)	9kg (gross weight : 11kg)	9kg (gross weight : 11.5kg)	14kg (gross weight : 16.5kg)	-

Touch Monitor



High Brightness
1000 cd/m²



Cooling Fan
열이 정체되지 않도록 공기 순환



P-Cap Touch
빠른 인식 속도, 정밀한 터치감



Film(option)
UV / AR / AG / IR



Waterproof
전면방수(IP65), IK08



Available
다양한 사이즈



Touch Monitor Line-up 1

Size(inch)		8"	10.1"	10.4"	12.1"	12.1"	15"
Product name		ODM080CT10	ODM101CT10	ODM104CT10	ODM121CT15-S	ODM121CT15-M	ODM150CT15
LCD	LCD Size	16:9	16:9	4:3	4:3	4:3	4:3
	Resolution	800×480 / 1024×600	1024×600	1024×768	800×600	1024×768	1024×768
	Brightness	1000 nit	1000 nit	1000 nit	1000 nit	1000 nit	1000 nit
	Life time	30,000	30,000	30,000	30,000	30,000	30,000
Touch	Type	P-CAP	P-CAP	P-CAP	P-CAP	P-CAP	P-CAP
	Touch Point	1~10 Point	1~10 Point	1~10 Point	1~10 Point	1~10 Point	1~10 Point
	Tempered glass	IK08	IK08	IK08	IK08	IK08	IK08
Environmental (Temperature)	Operating	-30~80°C	-30~80°C	-30~80°C	-30~80°C	-30~80°C	-30~80°C
	Storage	-30~80°C	-30~80°C	-30~80°C	-30~80°C	-30~80°C	-30~80°C
Mechanical	Ingress	IP65	IP65	IP65	IP65	IP65	IP65
	Dims(mm)	234×157×51.1	260×168×29.2	248×198×39.2	301.2×239.7×42	301.2×239.7×42	390×315×73.6
Power	DC input	DC 12V	DC 12V	DC 12V	DC 12V	DC 12V	DC 12V
A/D Board	[Inputs] VGA / HDMI [Optional] Remote control / Auto backlight control / RS232 Control / Fan control						

Touch Monitor Line-up 2

Size(inch)		15.6"	19"	21.5"	24"	27"	32"
Product name		ODM156CT15	ODM190CT15	ODM215CT15	ODM240CT15	ODM270CT15	ODM320CT15
LCD	LCD Size	16:9	4:3	16:9	16:9	16:9	16:9
	Resolution	1920×1080	1280×1024	1920×1080	1920×1080	1920×1080	1920×1080
	Brightness	1000 nit	1000 nit	1000 nit	1000 nit	1000 nit	1000 nit
	Life time	30,000	30,000	30,000	30,000	30,000	30,000
Touch	Type	P-CAP	P-CAP	P-CAP	P-CAP	P-CAP	P-CAP
	Touch Point	1~10 Point	1~10 Point	1~10 Point	1~10 Point	1~10 Point	1~10 Point
	Tempered glass	IK08	IK08	IK08	IK08	IK08	IK08
Environmental (Temperature)	Operating	-30~80°C	-30~80°C	-30~80°C	-30~80°C	-30~80°C	-30~80°C
	Storage	-30~80°C	-30~80°C	-30~80°C	-30~80°C	-30~80°C	-30~80°C
Mechanical	Ingress	IP65	IP65	IP65	IP65	IP65	IP65
	Dims(mm)	408×277×66.2	409×334×54.4	-	600×370×28.4	-	-
Power	DC input	DC 12V	DC 12V	DC 12V	DC 24V	DC 12V	AC 220V
A/D Board	[Inputs] VGA / HDMI [Optional] Remote control / Auto backlight control / RS232 Control / Fan control						

필요한 AC·DC 전력량계 & Shunt 가장 빠르게 찾는 솔루션



선트 일체형

DJSF1352-D-360

- 컴팩트 사이즈 손쉬운 설치
- 선트 일체형 내장 구조
- 다양한 통신 프로토콜 지원
- 실시간 모니터링 효율 분석 지원

DC 전력량계

DJSF1352-RN(D)

- 소수점 4자리까지 표기 가능
- Pulse : 100 ~ 1000 선프 변환 가능
- Accuracy Class : 0.5%
- 가독성 선명한 LCD 디스플레이

AC 전력량계

ADL200, ADL400

- 소수점 4자리까지 표기 가능
- RS485 통신 인터페이스
- Accuracy Class : 0.5%
- 가독성 선명한 LCD 디스플레이



전력량계 Line-up 1

Model	Shunt 일체형 DC 전력량계		AC 전력량계	Mega 측정용 DC 전력량계
	Single Type		AC Meter	Single Type
	DJSF1352-600	DJSF1352-360	ADL200	PZ72(L)-DE
제품 이미지				
방식	1ch 방식	1ch 방식	1ch 방식	1ch 방식
Voltage Input Range	0V ~ 1000V	0V ~ 1000V	0V ~ 1000V	0V ~ 1500V
Indirect Access	-	-	-	0 ~ 2500.A
Aux Power	DC 24V	DC 24V	AC 220V	DC 12V
Accuracy Class	1%	1%	0.5%	0.5%
Pulse	100 ~ 400	100 ~ 400	100	100
통신 Interface	RS485, 적외선	RS485, 적외선	RS485	RS485, 적외선
통신 Protocol	Modbus-RTU, DL/T 645-200	Modbus-RTU, DL/T 645-200	Modbus-RTU	Modbus-RTU, DL/T 645-200
소수점 표기	소수점 3자리	소수점 3자리	소수점 4자리	소수점 3자리
인증	MID 인증	CE	CE	CE
Shunt Accuracy Class	Shunt 일체형		-	0.2%

전력량계 Line-up 2

Model	DC 전력량계		
	Single Type		
	DJSF1352-RN	DJSF1352-RN/S	DJSF1352-RN/P1
제품 이미지			
방식	1ch 방식	1ch 방식	1ch 방식
Voltage Input Range	0V ~ 1000V	0V ~ 1000V	0V ~ 1000V
Indirect Access	-	-	-
Aux Power	AC 220V	AC 220V	DC 24V
Accuracy Class	1%	0.5%	1%
Pulse	100 ~ 1000	100 ~ 1000	100 ~ 1000
통신 Interface	RS485, 적외선	RS485	RS485, 적외선
통신 Protocol	Modbus-RTU, DL/T 645-200	Modbus-RTU, DL/T 645-200	Modbus-RTU, DL/T 645-200
소수점 표기	소수점 3자리	소수점 4자리	소수점 3자리
인증	CE	UL, CE	CE
Shunt Accuracy Class	0.5%	0.5%	0.5%

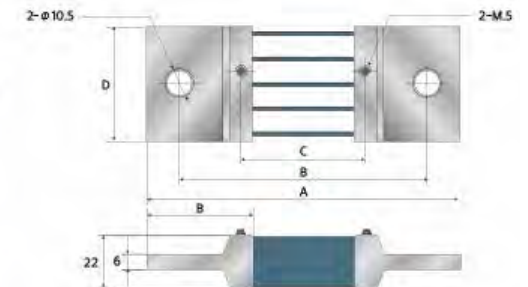
전력량계 Line-up 3

Model	DC 전력량계		
	Dual Type		
	DJSF1352-RN/D2C	DJSF1352-RN/D	DJSF1352-RN/D-P1
제품 이미지			
방식	2ch 방식	2ch 방식	2ch 방식
Voltage Input Range	0V ~ 1000V	0V ~ 1000V	0V ~ 1000V
Indirect Access	-	-	-
Aux Power	AC 220V	AC 230V	DC 24V
Accuracy Class	0.5%	1%	1%
Pulse	100 ~ 1000	100 ~ 1000	100 ~ 1000
통신 Interface	RS485×2, 적외선	RS485	RS485, 적외선
통신 Protocol	Modbus-RTU, DL/T 645-200	Modbus-RTU, DL/T 645-200	Modbus-RTU, DL/T 645-200
소수점 표기	소수점 3자리	소수점 4자리	소수점 3자리
인증	CE	UL, CE	CE
Shunt Accuracy Class	0.2%	0.5%	0.5%

전력량계 Line-up 4

Shunt road map

Shunt Model	Accuracy Class
100A/75mV/85mm or 100mm	0.2% or 0.5%
200A/75mV/85mm	0.2% or 0.5%
300A/75mV/85 or 100mm	0.2% or 0.5%
400A/75mV/85mm	0.2% or 0.5%
500A/75mV/85 or 100mm	0.2% or 0.5%
600A/75mV/100mm	0.2% or 0.5%
750A/75mV/85 or 100mm	0.2% or 0.5%
2000A/75mV/160mm	0.5%



Acrel 공식 대리점



아크렐 오프라인/온라인 공식 대리점
오디하이텍(주)는
100% 정품만 판매합니다.
안심하시고 구매하세요.

공식 대리점이 아닌 곳에서 구매하신 상품은
품질 보증 및 A/S에 제한이
있을 수 있으므로 피해가 없도록 주의 바랍니다.

CE·UL 인증서



DC 전력량계 DJSF1352
CE 인증서



메가 DC 전력량계 PZ72L
CE 인증서

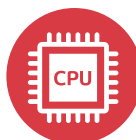


AC 전력량계 ADL200
CE 인증서



DC 전력량계 DJSF1352-RN
UL 인증서

Board



저전력 고효율 프로세서

고효율 설계로 장시간 안정적인 운영 가능



TPM 2.0

펌웨어 위·변조 방지, 기기 인증,
보안 부팅(Secure Boot)에 필수



M-SATA/M.2 스토리지

고속·저전력·슬림 구조 장점



듀얼 디스플레이

산업용 HMI부터 디지털 사이니지까지
활용 가능한 고해상도 출력



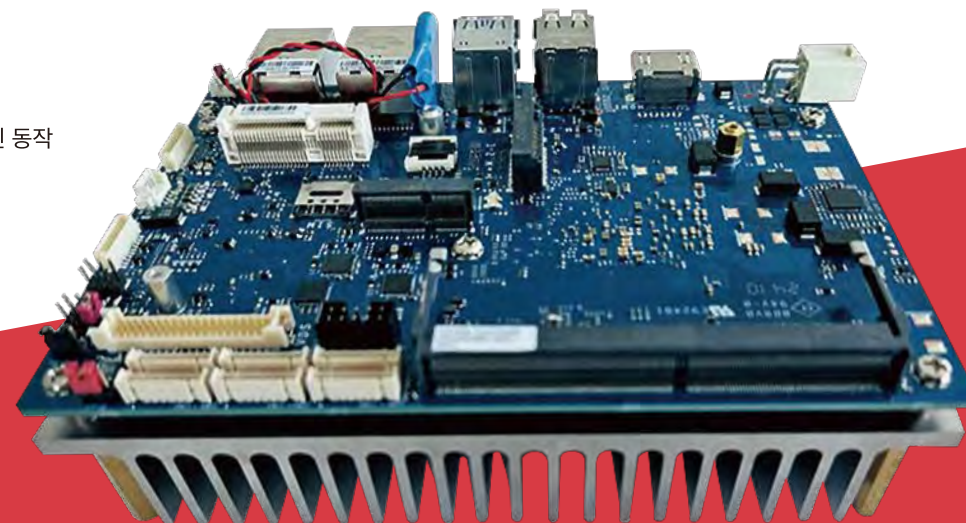
산업 환경 대응 내구 설계

극한의 온도·습도에서도 안정적인 동작



풍부한 I/O 확장성

다양한 산업 장비·센서와 확장성



Board Line-up 1

Model	ODH-556 (DFI)	X103 (NEXCOM)
Image		
Processor	Intel® AtomTM×7433RE, Quad Core, 1.5GHz, 9W (Q2'24 ~)	Intel® AtomTM x6413E, Quad Core, 1.5GHz, 9W (Q1'21 ~)
Memory	SO-DIMM DDR4 Memory 4GB (Up to 32G)	SO-DIMM DDR4 Memory 4GB (Up to 32G)
Storage	M.2 2242 M Key SSD 40GB	M.2 2242 B+M Key SSD 40GB
Video	1×LVDS (Up to 1920×1080 @ 60Hz)	1×LVDS (Up to 1920×1080 @ 60Hz)
	1×HDMI (Up to 4096×2160 @ 30Hz)	1×HDMI (Up to 4096×2160 @ 30Hz)
Audio	1×Audio (Line-out/Mic-in) with Realtek® CODEC	1×Audio (Line-out/Mic-in) with Realtek® CODEC
LAN	2×RJ-45 with 100/1000Mbps Ethernet	2×RJ-45 with 100/1000Mbps Ethernet
USB	Rear I/O : 2×USB 3.2 + 2×USB 2.0	Rear I/O : 2×USB 3.2 + 2×USB 2.0
	Internal I/O : 2×USB 2.0	Internal I/O : 2×USB 2.0
Serial I/O	2×RS232/422/485 + 4×RS232	2×RS232/422/485 + 4×RS232
Power	+12V DC with Right Angle 4pin Connector	+12 ~ 24V DC with Right Angle 4pin Connector (+12V recommended)
OS	Win10/11, Linux (Optional)	Win10/11, Linux (Optional)
Security	TPM2.0	TPM2.0
Certification	CE, FCC Class B, RoHS, UKCA	CE, FCC Class A
Operating Temp.	-40 ~ +85°C @ 90% RH	-40 ~ +85°C @ 90% RH
Size(mm)	3.5" SBC Form Factor : 146(L)×102(W)	3.5" SBC Form Factor: 146(L)×102(W)

Board Line-up 2

Model	B351E (YDS)	ADP351 (YDS)
Image		
Processor	Intel® Celeron® J1900, Quad Core, 2.0GHz, 10W (Q4'13 ~)	Intel Core™ i7-1255U, 10 Core, 3.5GHz, 15W (Q1'22 ~)
Memory	SO-DIMM DDR4 Memory 4GB (Up to 8GB)	2x SO-DIMM DDR4 Memory (Up to 32GB per SO-DIMM)
Storage	mSATA 32GB	M.2 M Key SSD 128GB
Video	1xLVDS (Up to 1920×1080 @ 60Hz)	1xLVDS (Up to 1920×1080 @ 60Hz)
	1x HDMI (Up to 1920 × 1080 @ 60Hz)	1xHDMI (Up to 4096×2160 @ 30Hz)
	1x VGA (Up to 1920 × 1080 @ 60Hz)	1xVGA (Up to 4096×2160 @ 60Hz)
Audio	1x Audio (Line-out/Mic-in) with Realtek® CODEC	1× Audio (Line-out/Mic-in) with Realtek® CODEC
LAN	2×RJ-45 with 100/1000Mbps Ethernet	2×RJ-45 with 100/1000Mbps Ethernet
USB	Rear I/O : 1×USB 3.0, 3×USB 2.0	Rear I/O : 2×USB 3.0
	Internal I/O : 2×USB 2.0	Internal I/O : 2×USB 2.0
Serial I/O	2×RS232/422/485 + 4×RS232	2×RS232/422/485 + 4×RS232
Power	+9 ~ 21V DC with Right Angle 4pin Connector (+12V recommended)	+12 ~ 19V DC with Right Angle 4pin Connector (+12V recommended)
OS	Win10/11, Linux (Optional)	Win10/11, Linux (Optional)
Security	TPM2.0	TPM2.0
Certification	CE, FCC Class B, RoHS, UKCA	CE, FCC Class A
Operating Temp.	-20 ~ 75°C (Extended -40 ~ +85°C) @ 85% RH	-20 ~ 75°C (Extended -40 ~ +85°C) @ 85% RH
Size(mm)	3.5" SBC Form Factor: 146(L)×102(W) mm	3.5" SBC Form Factor: 146(L)×102(W)

Board

한국 AGENT 계약서



ODHitec

Panel PC
Touch Monitor
Board
AC·DC Meter



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