

TOTAL
ENERGY IN YOUR LIFE

COMPANY PROFILE

PT. TOTAL POWER DISTRIBUTI



COMPANY LEGALITY



Legal Adress

GRB Legok Permai Blok F No. F1 J8, Desa/Kelurahan Legok, Kec. Legok, Kab. Tangerang, Provinsi Banten, Kode Pos: 15820



Single Business Number (Nomor Induk Berusaha)

0102230054295



Articles of Company (Akte Pendirian Perusahaan)

No. 011 - 30 Januari 2023



Ratification of Legal Entity Company (SK Kementrian)

AHU-588.AH.02.01 TAHUN 2013



Mandatory Tax Paper Number (Nomor Pokok Wajib Pajak)

62.670.214.6-451.000



Taxable Entrepreneur Number (Pengusaha Kena Pajak)

S-10171/PKP/KPP.080803/2023

Certificate ISO



ISO 9001 - 2015

Quality Management System

CERTIFIKAT NO CCS - QMS251007



ISO 14001 - 2015

Environmental Management System

CERTIFIKAT NO CCS - EMS251106



ISO 45001 : 2018

Occupational Health And Safety Management System

CERTIFIKAT NO CCS - HSM251507

Certificate PLN



CONTRACTOR SAFETY MANAGEMENT SYSTEM (CSMS)

No. 000284/DIST/CSMS/IV/2025 - SANGAT TINGGI

Membership



GAPENSI

Nomor Registrasi : 04.2025.36.3603.963141

About Company

COMPANY FIELD OF OPERATION

PT Total Power Distribusi operates mainly in electrical contractor for both government and private projects, Secondly as supplier of Tools and Equipments and screw air compressor

COMPANY VISION AND MISSION

To provide a good product and Service with excellent technical support Being a good corporate citizen must be given the highest priority. Take a mutual understanding and interest among vendors and clients

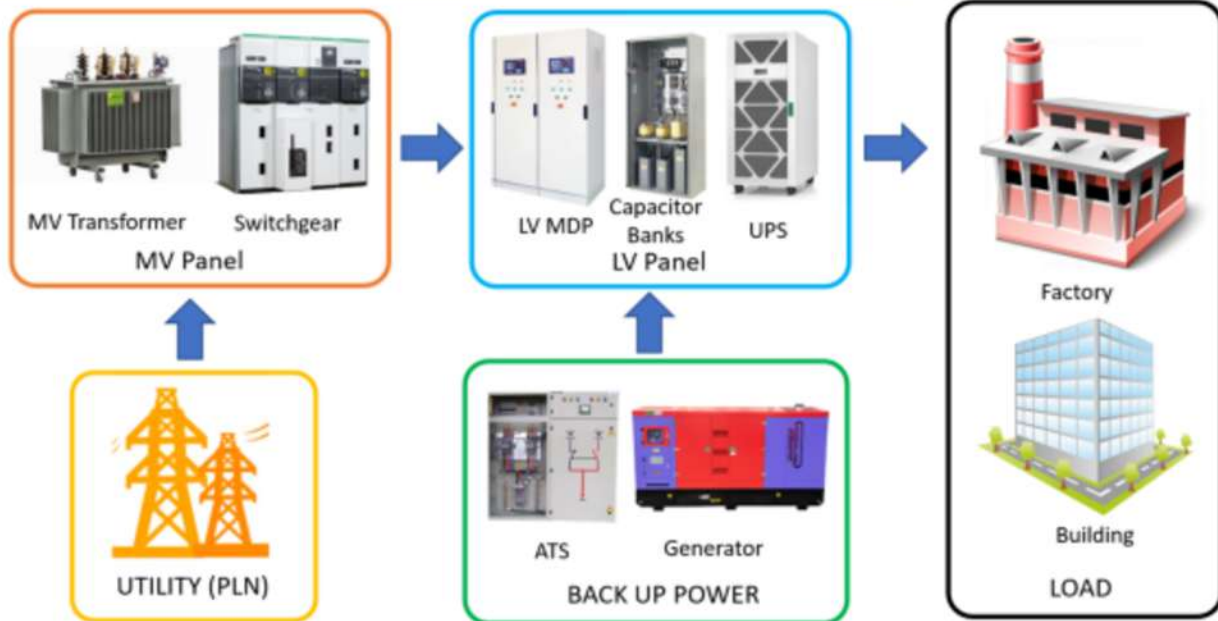
RANGE OF PRODUCT AND SERVICES

- Electrical Services (LV MV Panels and Generator)
- Test and measurement product
- Scada and Automaton
- Alarm and CCTV Soluton
- Sales, service and parts air compressor system

Contact information :

Director	: Ansar, S.E	Tlp. 0852-8423-1217
Project Manager	: Robby Zeiansyah, S.E	Tlp. 0813-7987-7207
Sales Manager	: Amzon, S.H	Tlp. 0895-2610-2044

ELECTRICAL PRODUCT AND SERVICE



Service Preventif

- ✓ 20 kV Installation of new / expansion of PLN customer
- ✓ Maintenance of customer substations
- ✓ Installation of office buildings, factories and residential
- ✓ Capacitor bank installation for stable and low bill electricity
- ✓ Consultation on electricity usage
- ✓ Electrical panels and generators
- ✓ Automatic Power backup (ATS, UPS, Genset)
- ✓ Capacitor bank installation for stable and low electricity bill

GENERATOR SUPPLY AND SERVICE MAINTENANCE



GENERATOR SET

Silent Type and Trailer
Capacity : 25 - 1500 kVA



Supply and New Installation as main or backup power supply, Ranging from 25-2500 kVA, Silent type to Mobile Trailer option



Comprehensive Genset Services: Includes routine maintenance, General Overhaul (GOH), and Top Overhaul (TOH) for ensuring optimal genset performance and lifespan.



Customized Repair Solutions: Providing expert repair services for a broad range of genset models, ensuring rapid response and minimized downtime. Electrical Installations: Comprehensive services for the installation and maintenance of electricity infrastructure, including connections to PLN and necessary installation



Energy Consultancy: Offering professional advice on energy management and efficiency, helping businesses optimize their energy use and reduce costs.



STATIC VAR GENERATOR (STATIC CAPACITOR BANK)

PF compensation for use in Harmonics Loaded Network
Stepless compensation Respond Dynamically Leading to Lagging condition Reduce electric energy loss Avoid penalty for low PF by Utility Company/ PLN Fast response time 15ms to full compensation Rated Voltage 400V-690V, capacity 30-3450kVar Response time <15ms <40ms Target pf Adjustable from -1 to +1

GENERATOR SUPPLY AND SERVICE MAINTENANCE



The UPS provides

continuous power from the internal battery until utility power returns to safe levels or the battery is fully discharged. Capacity 1-30kVA



Voltage 12/24/48 VDC, 5-30 VA

Application Engine starting battery, Electrical Grid Key point Recloser electric bicycle/motorcycle/scooter golf trolley/carts, power tools Solar Lighting and wind power System, RV, caravan

MODEM ROUTER RTU SCADA



MODEM ROUTER 3G/4G RUT 955



Dual SIMs 3G/4G for network redundancy 4 × 10/100 Ethernet (3 × LAN and 1 × WAN) Built-in security with firewalls and VPN 10/100Mbps Ethernet ports: 2 × SMA connectors for LTE, 1 × SMA connector for GPS ant. 1 × DP9 connector for RS-232, 3I/2O 4 × Ethernet LEDs, 1 × power LED, 1 × bi-color conn. status LED, 5 × conn. strength LEDs Robust, compact design, with a metallic chassis, DIN rail mount clip Input voltage range: 9...30 VDC; Power consumption: < 7 W

FW-5-GATE RTU 2



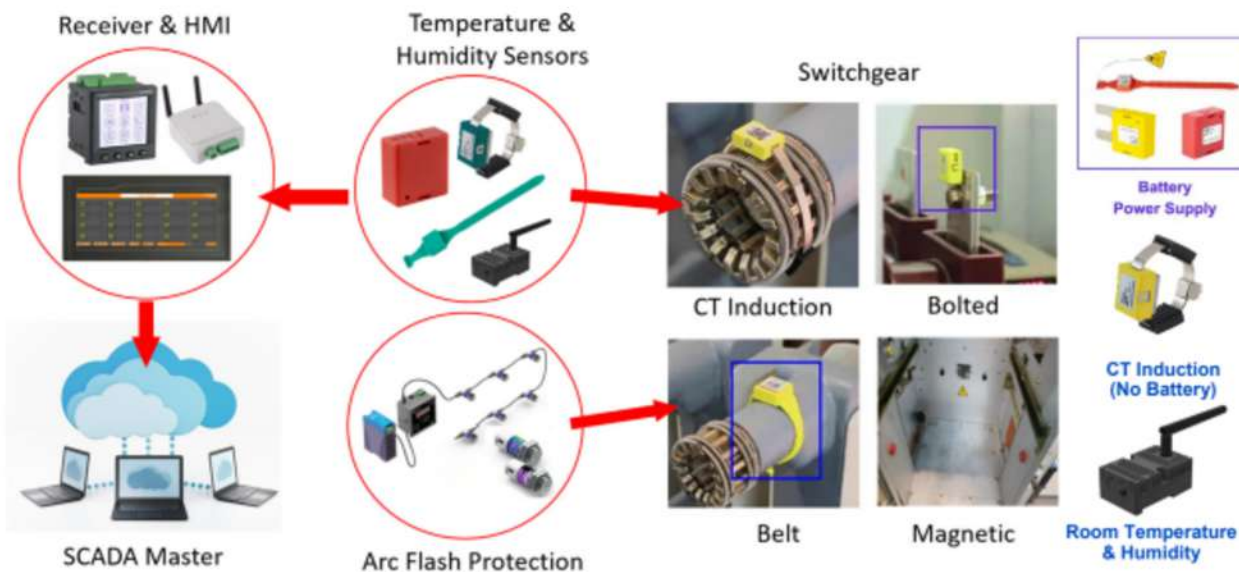
Ethernet LAN TCP/IP connections 2 RS-485 , RS-232/V.24 interface Temp sensor, -20° to 100° C Power supply (20 to 72 V DC) Protocols IEC 61850 IED, IEC 60870-5-101 IEC 60870-5-103 IEC 60870-5-104, TCP/IP DNP3 IEC 62056-21, Modbus RTU/TCP



FAULT INDICATOR

LineTroll 110EμR Distribution Networks (6-50kV) LineTroll 110EμR conductor mounted indicator for detection of PtG and PtP faults in overhead line networks. A built-in 2.4GHZ radio device communicate with receiver/ RTU/ Scada Master

SWITCHGEAR CUBICLE PROTECTION



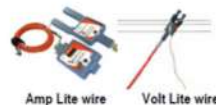
ENERGY METERS CALIBRATOR AND TESTER

ONLINE SINGLE PHASE METER CALIBRATOR SINOTIE DMT-1010



- Compact Size (0.7kg)
- Online Test (P2TL)
- Error accuracy up to 0.2%
- LCD Color & Non-volatile memory
- Harmonics record (up to H43)
- Waveform and Harmonic Display
- RS232 & Wifi interface
- Wireless Printer for Quick Report

ONLINE 3PH METER TEST CALMET TE30 CLASS 0.05



- Online Loss Control (P2TL)
- Error Accuracy Class 1 & 0.5
- Phasor Diagram analysis
- Wiring ratio dan CT burden
- Primary and secondary current comparison
- Power Quality Analyzer
- AMP LITEWIRE dan VOLTILITE
- STICK 20 KV 2000A



KWH & CT PT CALIBRATOR WITH POWER SOURCE CALMET TS33 CLASS 0.01

- Huge output power and compact size
- 22kg case
- Quick measurements of power quality parameters
- Automatic tests meters and PT/CT
- 3-phase voltages: 0.5000-600.00V
- 3-phase currents: 1.000mA-120KA



MINI TEST BENCH CALMET TB41

- 1 ph -3 ph, CT/VT 4 Positions
- PC Software for calibration via USB
- 3Ph current range 1mA-120A (300VA)
- Ph voltage 20-600V (150VA) per channel
- Accuracy class 0.02% internal standard meter
- Fully automatic Test Procedures/Reports
- Simultaneously testing up to 4 meters
- Compact module design, size and light weight
- Isolation transformers ICT "closed link" meter

ENERGY METERS



MK6E CLASS 0.2S

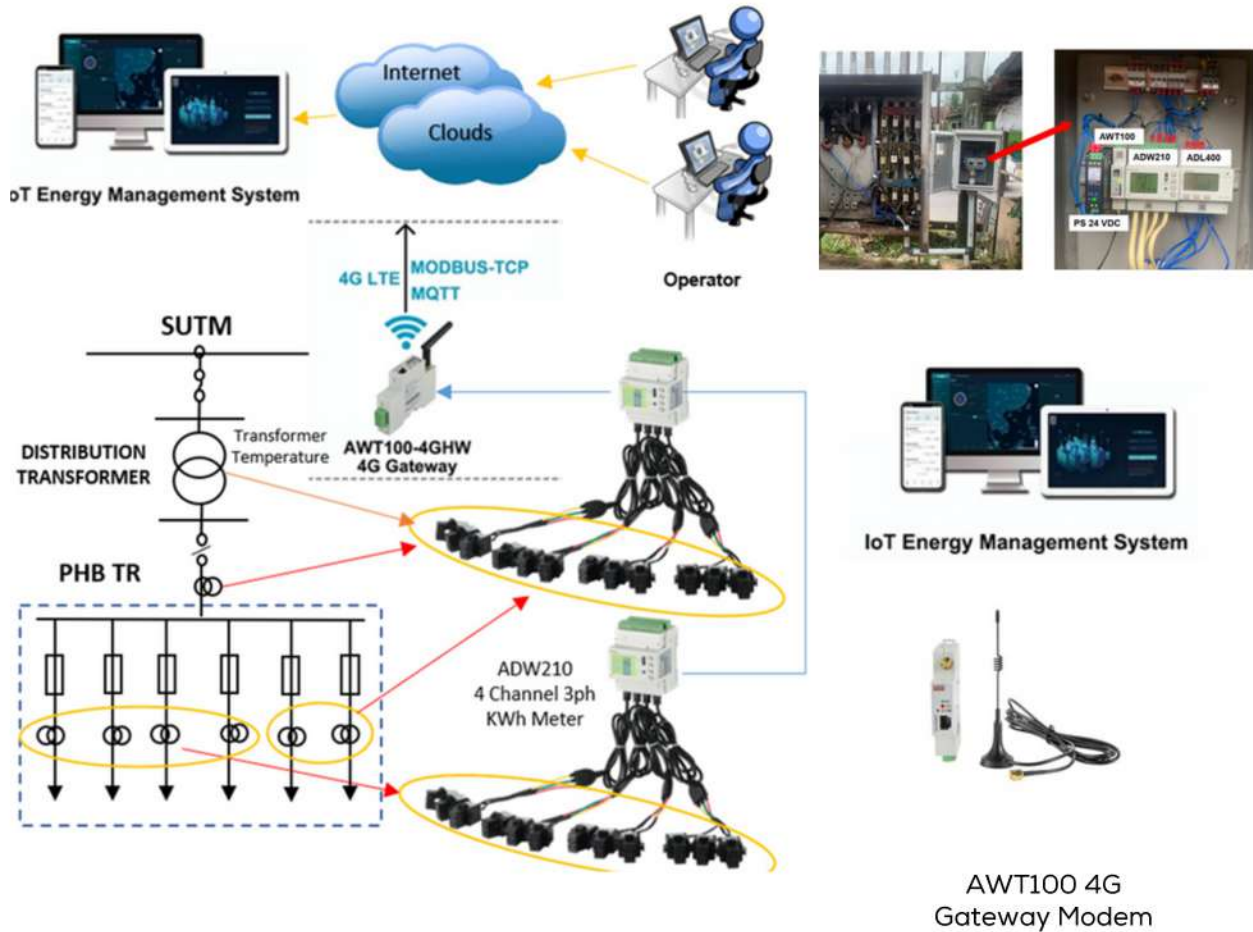
- Class 0.2S (IEC 62053-22, IEC 62052-11)
- Nominal Voltage (P-N) 57 to 240 V
- Burden - <math><10VA / \text{phase @ } V_n</math> (3 phase)
- Current : CT 1/4 A, 5/20A
- Auxiliary Supply : 240V, 110V
- Measurement Modes : 3P2W & 3P3W



MK-6N Class 0.5S

- Class 0.5s
- Nominal Voltage (P-N) : 57-240 V
- Current : CT 5(10)A CT
- Serial Port RS232 & RS 485
- Connection 3 Phase 4 Wire
- Aux Voltage : 100V-240 V AC/DC

DISTRIBUTION TRANSFORMER ENERGY MANAGEMENT VIA CLOUDS (IOT) BASED



ADW201 4 Channel 3ph Cl. 1 meters



ADL400 Cl. 1 3ph meter



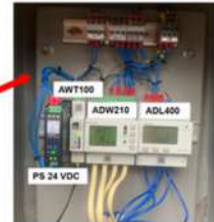
ADW300 3ph meter w/ Built-in 4G modem



AWT100 4G Gateway Modem



IoT Energy Management System



PROTECTION RELAYS MICOM



MICOM P123, 127 FEEDER MANAGEMENT RELAY

- 3Ph Over current (50/51P), Ground fault (50/51N)
- Phase & Ground Fault directional 67(P), 67N
- Restricted earth fault (64)
- Negative sequence overcurrent (46)
- Undercurrent (37), Broken conductor (46BC)
- Circuit breaker failure (50BF), Trip Circuit Spv (TCS)
- Over/Under voltage (27/59)
- Residual over voltage (59N), Autoreclose (79)
- Modbus protoco



SEPAM S20, S40

- Phase overcurrent (50/51), Earth fault (50N/51N)
- Sensitive earth fault (50G/51G)
- Negative sequence / unbalance46
- Recloser (4 cycles)79 (*S24)
- S40 (+ function S20)
- Breaker failure (50BF), Undervoltage (27)
- Overvoltage (59)
- Neutral voltage displacement (59N)
- Negative sequence overvoltage (47)
- Over frequency (81H), Underfrequency (81L)
- 2 Group Setting



MICOM P142 ,P143 FEEDER MANAGEMENT RELAY

- 3Ph Over current (50/51P), Ground fault (50/51N)
- Phase & Ground Fault directional 67(P), 67N
- Restricted earth fault (64)
- Negative sequence over current (46)
- Undercurrent (37), Broken conductor (46BC)
- Circuit breaker failure (50BF), (TCS)
- Over/Under voltage (27/59) ,Residual overvoltage
- (59N), Auto reclose (79), IEC 61860 protocol SAS



EASERGY P3, P5

- Built-in arc flash protection
- Advanced cybersecurity compliant to IEC 62443
- Intuitive withdrawable design with backup memory
- Plug and play hardware expansion
- EF, Dir OCR, Dir EF, UFR, OVR, 32 Reverse Power 10DI
- + 8DO + Back Up Memory
- Protocol IEC 61850 for SAS and DNP 3 serial for
- DCC Simultaneous

ALAT UKUR TAHANAN KONTAK/ CIRCUIT BREAKER/ BATTERY



MICRO OHM METERS RMO600A

- Lightweight - only 8 kg / 18 lbs
- Test currents 5 A - 600 A DC
- High output voltage 5,9 V @ 600 A DC
- Measuring range 0,1 $\mu\Omega$ - 999,9 m Ω
- Typical accuracy \pm (0,1 % rdg + 0,1% FS)
- Best resolution 0,1 $\mu\Omega$
- Standalone/PC controlled (DV-Win Software)



HANDHELD MICRO OHM METER RMO200H

- Handheld - 0.9 kg
- Powerful - up to 220 VDC
- Battery operated
- Measuring range 0.1 - 1000
- Typical accuracy \pm (0.2 % rdg + 0.2 % FS)
- Both sides grounded Measurement
- Rmax function



Circuit Breaker Analyzer & Timer CAT64

- Safe and fast testing
- Simple & easy to operate
- Timing and motion measurement
- 6 timing channels (3x2) for main & resistive contacts
- 3 timing channels for auxiliary inputs
- Resistance measurement of pre-insertion resistors
- 2 Coil current measurement channels
- 2 Additional analog inputs + 1 Transducer input
- Supports both digital and analog transducers
- Detailed analysis of test results using DV-Win SW



Battery Load Unit BLU

- Lightweight 12,8 kg (28.2 lbs) up to 20.6 kg (45.4 lbs)
- Powerful - up to 28,4 kW discharge power
- Operation modes: Constant I/ Constant P/ Constant R
- User selectable load profile operation mode
- No need to disconnect batteries from the load
- Test settings can be altered during a discharge test
- Easily expandable for larger battery strings using BXL
- Parallel unit operation enabled
- Overcurrent and thermal protection
- Detailed test analysis available by using DV-B Win
- Battery internal resistance measurement + Battery Voltage Supervisor (BVS) (IEC 60896)



Handheld CB Analyzer & Timer CAT-P

ALAT TEST RELAY DAN CT PT



SECONDARY RELAY TEST TD1000 PLUS

2 current outputs & high power at 15 Hz
 Max current output: 250 A,
 Max voltage: 250 VAC/ 350VDC
 Test results and settings in local memory.



RELAYS, ENERGY METERS, TRANSDUCERS

DRTS 64 (6 Voltages-4 Current) 800-4000A
 DRTS 66 (6 Voltages-6 Current)CT excitation, ratio and polarity test set
 Primary injection testing 3000 V AC high-pot test
 RS232 interface for pc connection



PRIMARY INJECTION CT, PT, TRAF0 T2000

CT excitation, ratio and polarity test set
 Primary injection 3000 VAC high-pot test
 Max current 800 A (4000 A optional)
 RS232 interface for pc connection
 Test results and settings in local memory



MULTIFUNCTION CT VT CB TEST SET STS 5000

Fully automatic test for CTs, VTs, PTs and ground grid.
 Primary injection 800 A/5000 A / 7000 A (Optional)
 Power dissipation factor test
 Voltage up to 12kV (TD 5000)
 2000 v AC high-pot test
 Patented technology for Capacitance & Tan Delta measurement

EQUIPMENT & ACCESSORIES



Amp stick & Volt stick



Voltage Detector



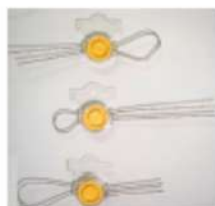
Grounding sets Telescopic stick



Safety Equipment



Segel Plastik Putar



Segel Plastik SPLN



Live Line Connector LLC



Bimetal Connector



Tap Connector Kedap Air



TOP TIES, SIDE TIES & BIRD CAP



Side Ties A3CS



Armor/Repair/Splice Jointing Rod



Top Ties A3C



Bird Cap/ Raptor protector



MULTI CHAMBER ARRESTER



Prevent insulator and conductor breakage
 Protect sensitive components (Surge arresters, transformers, etc.)
 Avoid outages on the line, Avoid short circuits (follow current)
 No grounding to adjust and control
 No copper ground lead required, Self-protected product
 No maintenance (20 years life expectancy)

TRANSFORMER OIL PURIFIER



DS-X000

is mainly used to improve insulation oil by removing trace water, gas, particulate matters etc. to boost performance and life time of transformers, circuit breakers, mutual inductors and cable. Capacity : 2000, 4000, 6000 liter/hour, Process : Double stage : heating to remove water from oil, gas (de-gas) and remove tiny particles (purify) eq. acetylene, hydrogen, methane dan other particles. Trailer provided mobility. Ref PLN UPK Kapuas, UPK Tambora, UP3B Kalbar, UP3 Ketapang

TEST AND MEASUREMENT **HIKI**



POWER QUALITY ANALYZER PQ3198, PQ3100

Class A international standards
Basic voltage accuracy of $\pm 0.1\%$
High-voltage, wideband performance
Two-circuit measurement
GPS time synchronization
Voltage $\pm 0.1\%$ of nominal voltage



HI TESTER CM - 3286

Check Harmonics and PF
20 - 1000 A AC
150 - 600 V AC 3 - 1200 kW
Freq, Reactivity, phase angle
Bluetooth connection



MULTIMETER KEW 1012

True RMS can measure and indicate distorted waveforms
6040 counts with Bar Graph display
MIN/MAX function enables to record min & max value
REL (relative value) function to indicate the measurement variation



DIGITAL CLAMP METER KEW 2117R

Fully Safety jaw
Ergonomic over-molded body gives convenient one-hand operation
Large easy-to-read display (0.01A res)
True RMS Accurate reading with 60/600/1000A auto-ranging
Long battery life

Mitutoyo



Precision Measuring Tools

NOVOTEST



Hardness Tester NOVOTEST T-UD3

Hardness tester works as with UCI and Leeb probes.
Measuring the hardness of steel, alloyed steels, stainless steels, non-ferrous metals (al. bronze, brass, copper, iron)



THERMAL CAMERA



- Measuring temperatures of building, electrical, and mechanical from -20°
- C to 550°C/-4°F to 1022°F
- MSX® technology (thermal imaging)
- Wi-Fi connectivity to smartphones (FLIR Tools® apps)
- IR Resolution :
- E4 80 × 60 (4,800 pixels)
- E5-XT 160 × 120 (19,200 pixels)
- E6-XT 240 × 180 (43,200 pixels)
- E8-XT 320 × 240 (76,800 pixels)



OTDR Tester AQ1210



The AQ1210 optical time domain reflectometer delivers high reliability for operating under harsh field conditions. Dual operation mode by multi-touch touchscreen and hard-key buttons as well as fully automatic measurement and easy-to-read analysis reports through new software applications.



CCTV SURVEILLANCE SYSTEM



X Ray & Metal Detectors

Our Customer

1. PT. PLN (Persero)
2. PLN Batam
3. PLN Tarakan
4. PT Adaro Indonesia
5. PT Cogindo Daya Bersama
6. PT Geo Dipa Energi
7. PT Kariangau Power – Balikpapan
8. PT Orindo alam ayu (ORIFLAME)
9. PT. Wilson Surya Unggul