



comidat®
TEKNOLOJİ GELİŞTİRME LTD. ŞTİ.

Production Catalogue



"A Brand Was Born In This Land, Opening To The World!"

Our mining adventure started in 2000, in 2014, **COMIDAT** brand was established in order to produce DOMESTIC products instead of IMPORT products used by mining enterprises and to change the usage habits of the users, and it has continued to grow by expanding its product range and increasing its quality.

Derived from the English words "**COMMUNICATION**" and "**DATA**", **COMIDAT** has been created as a brand that fully expresses our vision.

Our logo, which we designed inspired by our crescent-star flag, expresses the local, our, and from us.

Our PRODUCTION process was started with that motivation: **If They Did It, We Will Do Better!** , in the elapsed time that our motivation was evolved to: **Unfollow, Be Followed!**

With the decision we made in May 2020, we continue to grow by becoming a COMPANY and moving our Production and Trade to a new stage.

As we continue our way by adding a new product to our portfolio every moment, our next goal is to sell Turkish goods to the whole world. We are proud of the success we have achieved domestically and we are working harder to make our **COMIDAT** brand a world-renowned brand.



OUR PRODUCT PORTFOLIO :

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WIRED

MINER HANDLAMP

MBL-6L

PROPERTY	UNIT	PROPERTY	UNIT
Nominal Power	6000mAh	Helper Led Source of Light	0.35W 3 pieces
Nominal Voltage	3.7Volt	Life Time	2 Years
Lightining Time	>12 Hours	Charge Voltage	6-8 Volt
Led Source of Light	4W - 420mAh	Charging Time	<8 Hours
Maximum Lightining	>14000Lux	Box Protection Class	IP65
1m Distance (10. Hours)	10000Lux	Weight	<500Gr.



comidat®

TÜRK MALI

IP65

WIRED

MINER HANDLAMP

MBL-6Ex

PROPERTY	UNIT	PROPERTY	UNIT
Nominal Power	6000mAh	Helper Source of Light	0.35W 3 pieces
Nominal Voltage	3.7Volt	Life Time	2 Years
Lightinin Time	>12 Hours	Charge Voltage	6-8 Volt
Led Source of Light	4W - 420mAh	Charcing Time	<8 Hours
Maximum Lightining	>14000Lux	Protection Class	I M1 Ex ia Ma IP65
1M Distance (10. Hours)	10000Lux	Weight	<500Gr.



comidat®

WIRED

MINER HANDLAMP

MBL-8L

WIRED

PROPERTY	UNIT	PROPERTY	UNIT
Nominal Power	8000mAh	Helper Led Source of Light	0.35W 3 pieces
Nominal Voltage	3.7Volt	Life Time	2 Years
Lightining Time	>18 Hours	Charge Voltage	6-8 Volt
Led Source of Light	4W - 420mAh	Charging Time	<10 Hours
Maximum Lightining	>14000Lux	Box Protection Class	IP65
1m Distance (10. Hours)	10000Lux	Weight	<560Gr.



comidat®

TÜRK MALI

IP65

WIRED

MINER HANDLAMP

MBL-8Ex

PROPERTY	UNIT	PROPERTY	UNIT
Nominal Power	8000mAh	Helper Source of Light	0.35W 3 pieces
Nominal Voltage	3.7Volt	Life Time	2 Years
Lightnin Time	>18 Hours	Charge Voltage	6-8 Volt
Led Source of Light	4W - 420mAh	Charging Time	<10Hours
Maximum Lighti-	>14000Lux	Box Protection	I M1 Ex ia Ma IP65
1M Distance (10. Hours)	10000Lux	Weight	<560Gr.



WIRELESS

MINER HANDLAMP

MBL-3.5L

PROPERTY	UNIT	PROPERTY	UNIT
Nominal Power	3500mAh	Helper Source of Light	0.35W 3 pieces
Nominal Voltage	3.7Volt	Life Time	2 Years
Lightinin Time	>9 Hours	Charge Voltage	6-8 Volt
Led Source of Light	4W - 420mAh	Charching Time	<4 Hours
Maximum Lightining	>8000Lux	Box Protection Class	I M1 Ex ia Ma IP65
1M Distance (10. Hours)	7000Lux	Weight	<160Gr.



WIRELESS

MINER HANDLAMP

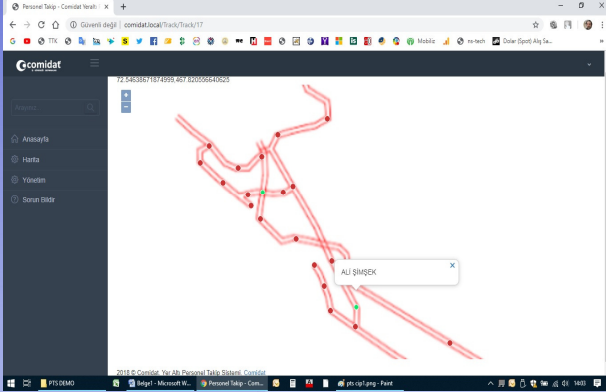
MBL-3.5Ex

PROPERTY	UNIT	PROPERTY	UNIT
Nominal Power	3500mAh	Helper Source of Light	0.35W 3 pieces
Nominal Voltage	3.7Volt	Life Time	2 Years
Lightinin Time	>9 Hours	Charge Voltage	6-8 Volt
Led Source of Light	4W - 420mAh	Charching Time	<4 Hours
Maximum Lighti-ning	>8000Lux	Box Protection Class	I M1 Ex ia Ma IP65
1M Distance (10. Hours)	7000Lux	Weight	<160Gr.



UNDERGROUND PERSONNEL TRACKING SYSTEM

PTS



Hardware and Software %100 Domestic Products

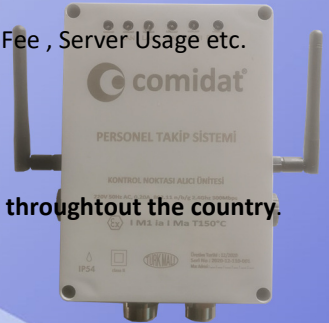
NO PAY Annual Maintenance , Licence Renewal , Annual Licence Fee , Server Usage etc.

You take it once , use it forever.

Developed by Turkish Engineers.

The best reference holder with its wide service network spread throughout the country.

Group I M1 Atex Certified Equipment for coal mine operations



UNDERGROUND AIR QUALITY MEASUREMENT STATION

GIS-V2.0

TÜRK MALI

Measured Standard Gases and Ranges:

CO - Carbon monoxide: 0 - 50 ppm

O₂ - Oxygen: 19 - 23%

H₂S - Hydrogen sulfide: 0 - 10 ppm

CH₄ - Methane: 0 - 1%

Temperature / Humidity: -10 ° C - + 40 ° C / 40 - 60%

Air Speed: 0.3 - 30 m / s

- Defining Limit Value
- When Limit Values Are Reached
 - Energy Cut
 - Conveyor Control
 - Ventilation Control
 - Audible and Light Alerts



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Merkezi Gaz İzleme Sistemi
V2.02

CH ₄	H ₂ S	O ₂	CO	Isı	Nem
%0.9	7.4ppm	%20.5	7.97ppm	17°C	%45.23
(%0 - %1)	(0 - 10)	(%19 - %23)	(0 - 50)	(-10 - +40)	(%40 - %60)

Son Veri Okuma Zamanı: 2020-02-23 05:27:42

Güvenli Atmosfer Kalitesi	Riskli Atmosfer Kalitesi	Tehlikeli Atmosfer Kalitesi
Günlük Rapor	Haftalık Rapor	Aylık Rapor
1 Nolu Fan Açık	2 Nolu Fan Açık	1 Nolu Bant Aktif
	2 Nolu Bant Aktif	Enerji Açık
		Teknik Destek

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MOBILE MULTIPLE GAS MEASURING DEVICE

mGIS1.0

Gas Sampling Method: Natural Diffusion

Sensor Types Catalytic (Flammable Gases), Electro Chemical
(LEL, H₂S, O₂ and CO)

Monitored Gases Flammable Gases: LEL, H₂S, CO, O₂

Accuracy / Margin of Error: $\leq 5\%$ F.S.

Response Time: ≤ 30 s.

Warnings: Measurement values, sound,
alerts with light and vibration

Working Conditions: $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$, $0 \sim 95\%$ Rh

Power Supply: 3.7V DC Li-Ion Battery 2000mAh

Charging Time: ≤ 6 Hours

Working Time: ≤ 8 Hours Continuously (without alarm ringing)

Sensor Life: 2 years

Ex-proof protection class: Ex ib II B T3 Gb

Box Protection Class: IP65



UNDERGROUND COMMUNICATION SYSTEM

HS-v2.0

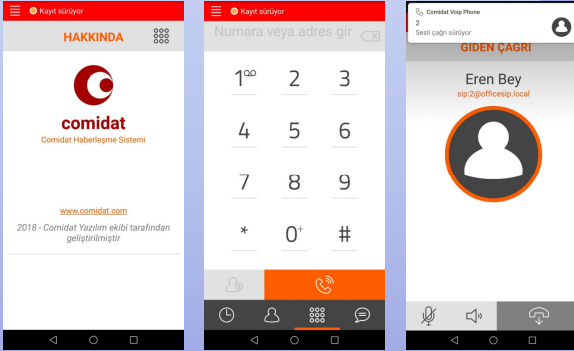
COMIDAT Underground Communication System uses the same infrastructure as the Underground Personnel Tracking System. It does not require any additional wiring costs. Each receiver unit of the Personnel Tracking System acts as the switchboard of the Communication System. It can be used underground by attaching to a receiver at any point you wish.

At the same time, with the application we developed for Android phones, you can make voice and video calls and messages with the whole world over the local network - remote network.

We offer uninterrupted HD quality audio and video transmission from underground to the whole world.



Mobile Communication Application Screen Shoot



VENTILATION CONTROL SYSTEM

HK-v1.0

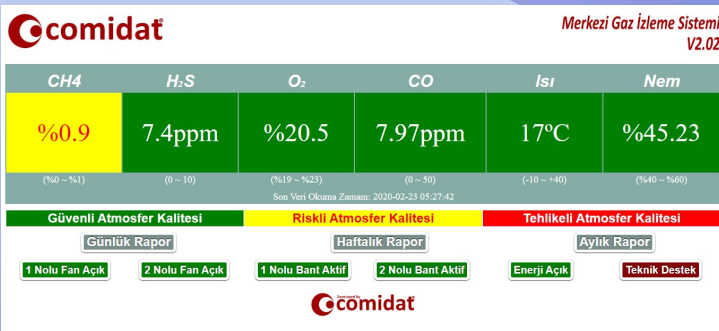
Underground Ventilation Control System working in integration with Underground Personnel Tracking System and Underground Air Quality Measurement Station;

Underground, Air Quality and Air Speed are continuously measured and monitored.

In the regions where ventilation is not sufficient, fans are automatically switched on, the conditions of the air direction doors are checked, they are automatically opened or closed according to the conditions of those that should be open or closed. It is ensured that the fresh air circulation is directed to the required area.

Controllers;

- Air Quality Measurements
- Air Velocity Measurements
- Gate Controls
- Fan Controls



MINER HEADLAMP CHARGER

SU-01

100% Domestic Production

Miner Head Lamp Charger.

Compatible with all brands and models of
Miner Head Lights.

Input: 220V / 12V (With Car Charger)

Output: 5V

Supply: 1000mAh



MINER

HEADLAMP

GROUP CHARGER20

SU-20

100% Domestic Production

Miner Head Lamp Charger.

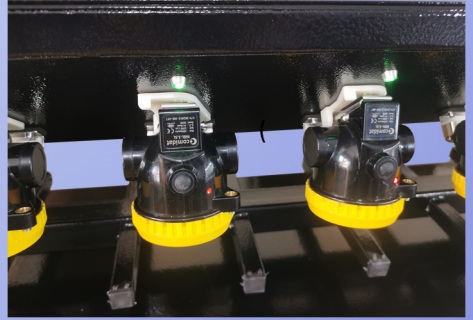
Compatible with all brands and models of
Miner Head Lights.

Energy Input: 220V 50-60Hz

Output: 5V

Supply: 1000mAh

Capacity: 20 Pieces



MINER HEADLAMP GROUP CHARGER 100

SU-100

100% Domestic Production

Miner Head Lamp Charger.

Compatible with all brands and models of Miner Head Lights.

Energy Input: 220V 50-60Hz

Output: 5V

Supply: 1000mAh

Capacity: 100 Pieces



ENELEX COAL QUALITY MANAGEMENT SYSTEM

ENELEX

COAL QUALITY MANAGEMENT SYSTEMS

- ONLINE Coal Ash, Moisture and Calorie Analyzer
- Auto Samplers
- Auger Samplers
- Thermal Cameras
- Flue Gas Oxygen Sensors
- Coal Homogenization Systems



ENELEX

COAL QUALITY MANAGEMENT SYSTEMS

UNDERGROUND LIFE LINE

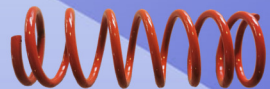
YH-CPP

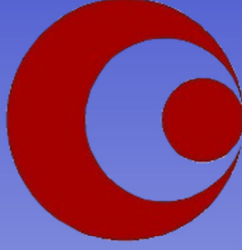
Underground Life Lines are produced in accordance with the provisions of the "Regulation on Occupational Health and Safety Applicable in Mining Workplaces".

It is packaged with reflective cones and reflective plates mounted on a 100-meter steel rope covered with PP over 10 meters apart.

Sufficient number of double cones, spiral and spherical gauges are included in the package in accordance with your company's Emergency Escape Plan.

Our Lifeline product has Group I M2 category ATEX certificate.





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TEKNOLOJİ GELİŞTİRME LTD. ŞTİ.

Authorized Dealer



COMIDAT TECHNOLOGY DEVELOPMENT INDUSTRY AND TRADE LIMITED COMPANY

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