comidat®

TEKNOLOJİ GELİŞTİRME LTD. ŞTİ.

Production Catalogue

"A Brand Was Born on This Land, Now Opening Up to the World!"

Our journey in the mining industry began in 2000. In 2014, we founded the **COMIDAT** brand with the goal of replacing commonly used **imported** products in mining operations with **locally manufactured** alternatives, and to transform user habits toward domestic solutions. Since then, we have continued to grow, expanding our product range and enhancing quality.

The name **COMIDAT** is derived from the English words "**COMMUNICATION**" and "**DATA**", and was created as a brand that fully reflects our vision.

What began with the motivation "**If they can do it, we can do it better!**" has evolved into a new philosophy: "**Stop following — be the one who is followed!**"

With the decision we made in May 2020, we officially became a **corporate company**, entering a new phase in both production and trade, and we continue to grow steadily.

With each step, we add new products to our portfolio. Our next goal is to **export high-quality Turkish-made products to worldwide**.

We are rightfully proud of the success we have achieved in Turkey, and we are working even harder to establish the **COMIDAT** brand as a globally recognized name.

OUR PRODUCT PORTFOLIO :

Ccomidat®

WIRED
MINER HANDLAMP

MBL-6L

PROPERTY	UNIT	PROPERTY	UNIT
Nominal Power	6000mAh	Auxiliary Light Power	0.35W / 6 pieces
Nominal Voltage	3.7Volt	Life Time	2 Years
Lightining Time	>16 Hours	Charge Voltage	4 Volt
Main Light Power	4W - 360mAh	Charging Time	6 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	Auxiliary Light Power	0.35W / 6 pieces
Nominal Voltage	3.7Volt	Life Time	2 Years
Lightinin Time	>14 Hours	Charge Voltage	4Volt
Main Light	4W - 360mAh	Charcing Time	6 Hours
Maximum Lightining	>14000Lux	Protection Class	I M1 Ex ia Ma IP65
1M Distance (10. Hours)	10000Lux	Weight	<500Gr.

CE   Ex   IP65

TÜRK MALI

Ccomidat
MBL-6Ex
MADENCİ BAŞ LAMBASI
3.7V 0,36A 6000mAh
I M1 Ex ia op is Ma
Certificate Number: IEP 21 ATEX 1004X

Ccomidat

WIRED

MINER HANDLAMP

MBL-8L

PROPERTY	UNIT	PROPERTY	UNIT
Nominal Power	8000mAh	Auxiliary Light Power	0.35W / 6 pieces
Nominal Voltage	3.7Volt	Life Time	2 Years
Lightining Time	>20 Hours	Charge Voltage	4 Volt
Main Light Power	4W - 360mAh	Charging Time	8 Hours
Maximum Lightining	>14000Lux	Box Protection Class	IP65
1m Distance (10. Hours)	10000Lux	Weight	<560Gr.

comidat®

WIRED
MINER HANDLAMP

MBL-8Ex

CE   Ex   IP65

TÜRK MALI

PROPERTY	UNIT	PROPERTY	UNIT
Nominal Power	8000mAh	Auxiliary Light Power	0.35W / 6 pieces
Nominal Voltage	3.7Volt	Life Time	2 Years
Lightinin Time	>20 Hours	Charge Voltage	4 Volt
Main Light	4W - 360mAh	Charcing Time	8 Hours
Maximum Lightining	>14000Lux	Box Protection Class	I M1 Ex ia Ma IP65
1M Distance (10. Hours)	10000Lux	Weight	<560Gr.

comidat®

WIRELESS
MINER HANDLAMP

MBL-3.5L

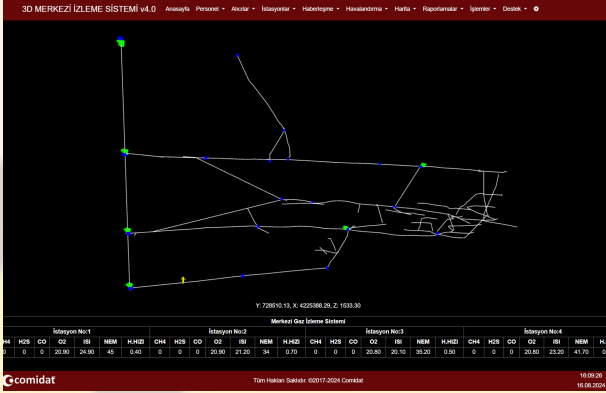| PROPERTY	UNIT	PROPERTY	UNIT
Nominal Power	3500mAh	Helper Source of Light	0.35W 6 pieces
Nominal Voltage	3.7Volt	Life Time	2 Years
Lightinin Time	>9 Hours	Charge Voltage	4 Volt
Led Source of Light	4W - 320mAh	Charcing Time	<4 Hours
Maximum Lightining	>8000Lux	Box Protection Class	I M1 Ex ia Ma IP65
1M Distance (10. Hours)	7000Lux	Weight	<160Gr.

comidat®

TÜRK MALI   IP65

WIRELESS MINER HANDLAMP

MBL-3.5Ex

PROPERTY	UNIT	PROPERTY	UNIT
Nominal Power	3500mAh	Auxiliary Light Power	0.35W 6 pieces
Nominal Voltage	3.7Volt	Life Time	2 Years
Lightinin Time	>9 Hours	Charge Voltage	4 Volt
Main Light Power	4W - 320mAh	Charcing Time	<4 Hours
Maximum Lightining	>8000Lux	Box Protection Class	I M1 Ex ia Ma
1M Distance (10. Hours)	7000Lux	Weight	<160Gr.

CE (Ex) IP65

TÜRK MALI

comidat

UNDERGROUND PERSONNEL TRACKING SYSTEM

PTS

CE Ex IP65

TÜRK MALI

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 throughtout the country.

Group I M1 Atex Certified Equipment for coal mine operations

UNGERGROUND AIR QUALITY MONITORING STATION

GIS-v2.0

Measured Standard Gases and Ranges:

CO - Carbon monoxide: 0 - 50 ppm

O2 - Oxygen: 19 - 23%

H2S - Hydrogen sulfide: o - 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

Merkezi Gaz İzleme Sistemi V2.02

CH4	H₂S	O₂	CO	Isı	Nem
%0.9	7.4ppm	%20.5	7.97ppm	17ºC	%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

comidat

comidat

MOBILE MULTIPLE GAS MEASURING DEVICE

mGIS1.0

Gas Sampling Method: Natural Diffusion

Sensor Types Catalytic and Electro Chemical

Monitored Gases : LEL, H2S, CO, O2

Accuracy / Margin of Error: ≤5% F.S.

Response Time: ≤30s.

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

Working Conditions: -20 ° C ~ + 50 ° C, 0 ~ 95% Rh

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

Charging Time: ≤6 Hours

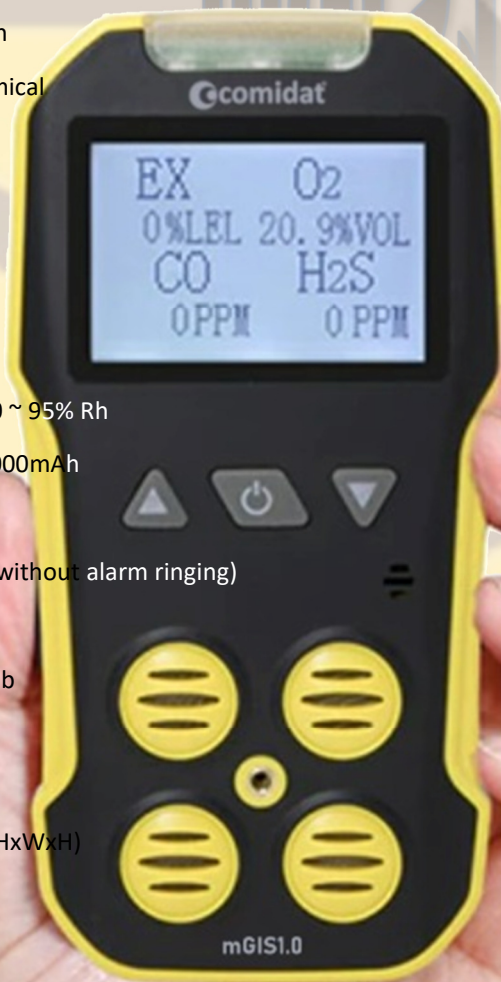**Working Time:** ≤8 Hours Continuously (without alarm ringing)

Sensor Life: 2 years

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

Box Protection Class: IP65

Weight: 400g. (Including battery)

Dimensions: 124mm x 69mm x 33mm (HxWxH)

CE IP65 Ex

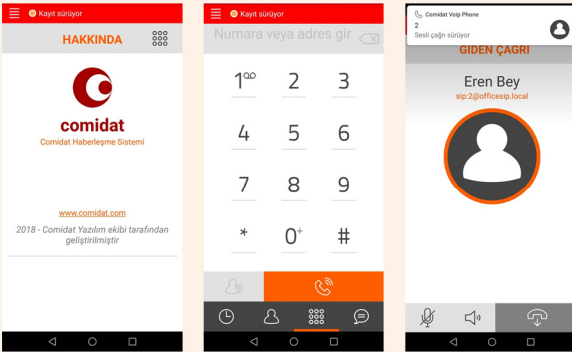# comidat®

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 Comminication Application Screen Shoot

comidat®

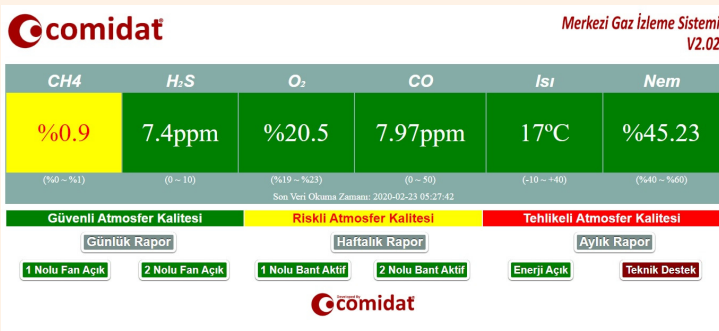TÜRK MALI

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

Ccomidat

Merkezi Gaz İzleme Sistemi V2.02

CH4	H₂S	O₂	CO	Isı	Nem
%0.9	7.4ppm	%20.5	7.97ppm	17ºC	%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 |

Ccomidat

Ccomidat®

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

TÜRK MALI

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

TÜRK MALI

comidat®

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 (or according to your lamps)

Supply: 1000mAh

Capacity: 100 Pieces

comidat®   TÜRK MALI

LADARTeK

LDTK-SAR

Radar Safety Monitoring and Early Warning Software

Range 距离	40-4000m
Deformation accuracy 形变精度	≤0.1mm
Resolution 分辨率	0.46m x7.5mrad(A)
Monitoring range(Horizontal) 水平角	120°
Monitoring range(Vertical) 俯仰角	30°
Length x width x height 长×宽×高	110cm x 15cm x35cm
Weight 重量	≤14kg
Power supply 供电	110~220V AC/24V DC
Data refreshing period 数据刷新周期	10~300s
Power consumption 功耗	≤70W
Operating temperature 工作温度	-40℃~55℃
Waterproof Rating 防水等级	IP67

UNDERGROUND
LIFE LINE

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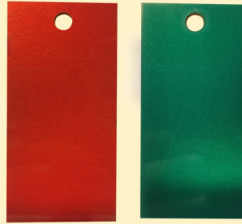
Underground Life Lines are produced in accordance with the provisions of the "Regulation on Occupational Health and Safety Applicable in Mining Workplaces".

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.

CE $\langle Ex \rangle$

TÜRK MALI

⊙comidat®

comidat®

TEKNOLOJİ GELİŞTİRME LTD. ŞTİ.

Authorized Dealer

COMIDAT TECHNOLOGY DEVELOPMENT INDUSTRY AND TRADE LIMITED COMPANY

ALTIEVLER MAHALLESİ UZ SOKAK NO: 11 NARLIDERE 35320 IZMIR / TURKEY

+90 (232) 2597821 ⎮ +90 (850) 3051242 ⎮ bilgi@comidat.com.tr ⎮ www.comidat.com.tr

Online Shopping: shop.comidat.com.tr