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MOLIN				*Expiry date:	15 Dec 2018 Page 1 of 3 Issue: 0						
Siv	Ex – Type	e Examinatio	n Certificate		13540.0						
SINOLAR	Certificate	Number:	S-XPL/15.1866								
9			Explosion protected PDA								
No	Model / Ty	pe:	i.roc Ci70 - Ex Ecom Instruments GmbH								
E	Applicant:		Industriestr. 2		les (
8		D-97959 Assamstadt, Baden-Württemberg									
MOL	Manufactu		Germany								
ð	Serial No:	rer:	ecom Instruments GmbH All serial numbers imported between	issued- and expire date	and all serial 🧋						
PIOLARS	Contai No.		All serial numbers imported between issued- and expire date and all serial numbers covered by a valid report or acceptable product certification mark.								
P			Supplied by								
MIO			Ecom Instruments GmbH Identified by Inspection Authority r								
			S-XPL/15.1866								
And as described in the Explolabs file number XPL/17094/15.1866 is hereby certified "Explosion Protected											
			a IIIC T135 ℃ Db IP6X ", having been exa of South African Standards.	amined and inspected in a	accordance with						
SIM											
		′9-0: 2012 Ed 5 0: 2011 Ed 6	Explosive atmospheres Part 0: Equip	oment — General require	ments 🤯						
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Risk of ignition provided:											
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ANNEX TO CERTIFICATE NO S-XPL/15.1866

1. GENERAL

General product information:

The explosion protected PDA i.roc Ci70 -Ex is a hand-held communication device intended for use in hazardous areas of Zones 1 and 21. It is used for mobile acquisition, processing and wireless transmission of data inside hazardous area. The PDA may be operated optional with listed accessories like leather case, holster and scan handle. The PDA i.roc Ci70 – Ex may be operated optionally with SD-memory cards and/or SIM card.

PAGE 2 OF 3

Permissible ambient temperature range: -20℃ to 50℃.

Electrical data:

Supply: only for use with Battery pack Type AM Ci70 -Ex

The battery pack is intended to be changed by the user only outside the hazardous area. The Battery pack Type AM Ci70 –Ex shall be charged only outside the hazardous area. Charging and data connection is only allowed to be used with the specially designed and listed charging unit for i.roc Ci70 -Ex outside the explosion hazardous area.

Installation Notes:

- Do not open the device inside the explosion hazardous area.
- Use only the original battery module "AM Ci70 -Ex".
- The battery module shall only be charged outside the explosion hazardous area and only by using the specified charging devices (see Safety Instructions).
- The data connection is only allowed to be used outside the explosion hazardous area by using the ecom Desktop Dock (Intermec art. 852-920-001/002) or ecom Single Dock (ecom art. AS0030301).
- When changing the battery (outside explosion hazardous areas), ensure that both, the device and the battery module are clean of dust and dirt.

Permitted Accessories:

- Leather Case ecom art. A0030303
- Holster ecom art. A0030304
- Scan Handle ecom art. A0030302

Optional reader electronics are:

RFID reader:125/134KHz LF RFID R/W Module Air CoilNL-TLB30-A* and NL-TLB30-B*125/134KHz LF RFID R/W Module Air CoilNF-TLB30-A* and NF-TLB30-B*125/134KHz LF RFID R/W Module FerriteNH-UNI13-A* and NH-UNI13-B*13.56MHz HF RFID R/W ModuleNQ-ARE8-A* and NQ-ARE8-B*TROVAN LF RFID R/W ModuleNT-LID-A* and NT-LID-B*TROVAN LF RFID R/W ModuleFurther possible RFID reader modules are listed in the safety instructions.

RFID UHF reader: NE-UNI900-A* NU-UNI900-A*

868MHz UHF RFID R/W Module 915MHz UHF RFID R/W Module

RFID Kombi Reader: SL-SE955-TLB30-A* SF-SE955-TLB30-A* SH-SE955-UNI13-A* ST-SE955-LID-A*

Kombi Module 1D Barcode + LF RFID Kombi Module 1D Barcode + LF RFID Kombi Module 1D Barcode + LF RFID Kombi Module 1D Barcode + Trovan

Barcode reader: SN-SE955-A* and SN-SE955-B* 1D Laser Barcode Scanner

2D Multi Range Barcode Imager: EN-EX25-A*

2D Barcode Imager

WWAN module: Type: Gobi 3000

DOCUMENT No: XPL0213 RELEASE DATE: 06/10/2015 REV : 4

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		X TO CERTIFIC	ATE NO S-XPL/15.1866	PAGE 3 OF 3		
Ö	RF Power:			100 111		
8	WLAN/Bluetooth:		radiated transmission power			
3	HF-output power:		radiated transmission power			
	RFID reader:		radiated transmission power	max. 2 W		
¥ <u></u> 2.	INSTALLATION INST	RUCTIONS				
<u>0</u>	It is the manufacturer's responsibility to supply installation instructions with each u					
	as required by IEC/SA					
3.			E (denoted by X after partific	ate number)		
10 2	SPECIAL CONDITIONS FOR SAFE USE (denoted by X after certificate number) None.					
õ	Based on the following documentation: IECEx PTB 13.0006 Issue No.:1					
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4.	CONDITIONS OF CE					
			by a QAN (Quality Assuran	nce Notification), Product		
	Scheme or batch eval	uation.				
5	MARKING					
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	rtification indicates compliance with apparatus is used as relevant in ac		h and Safety Act and/or EMR 9(2) of the C	occupational Health and Safety Act, p		
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a ii) iii)	Any conditions mentioned in the Any relevant requirements and		ed in terms of the Mine Health and Safet	y Act or Occupational Health and Sa		
o iv)	and Any restrictions and conditions	enforced by the Chief Inc	spector of Mines or the Principal Inspector	or or the Chief Inspector: Occupation		
	and Safety.					
v) Vi)	A revision certificate replaces a * - Only covers equipment Impo					
vii)	If and when your QAN (Quality	Assurance Notification) C	ertificate for your equipment manufacture icate is not submitted the existing IA Certi			
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5	any losses or damages sustain	ed on account of any failu	re or omission to properly perform our dut ted in any contract undertaken by us; not	ies in terms of any contract undertak		
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	relevant standards and that th	e routine verifications ar	quipment has been constructed in accord nd tests have been successfully complete	eted and that the product complies		
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