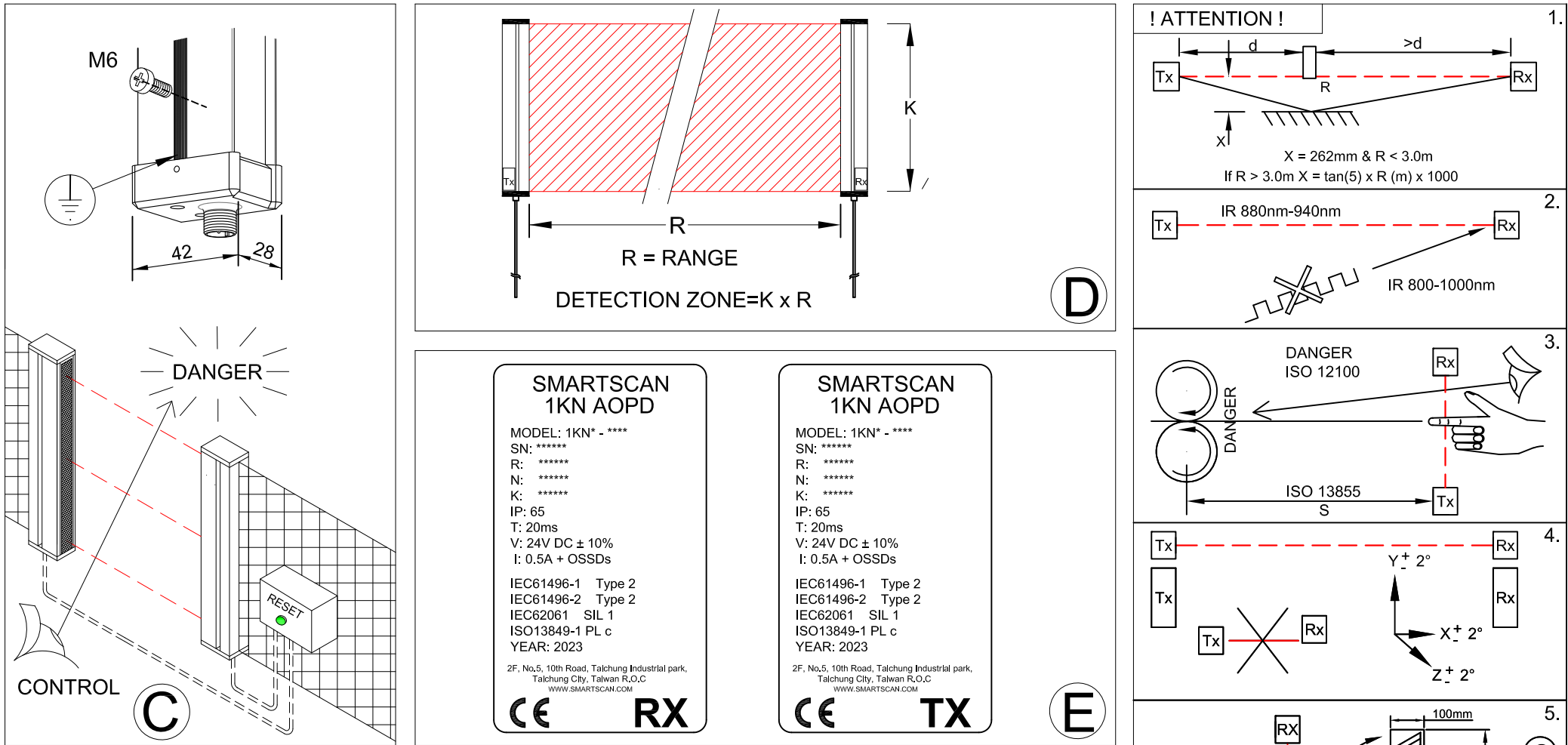
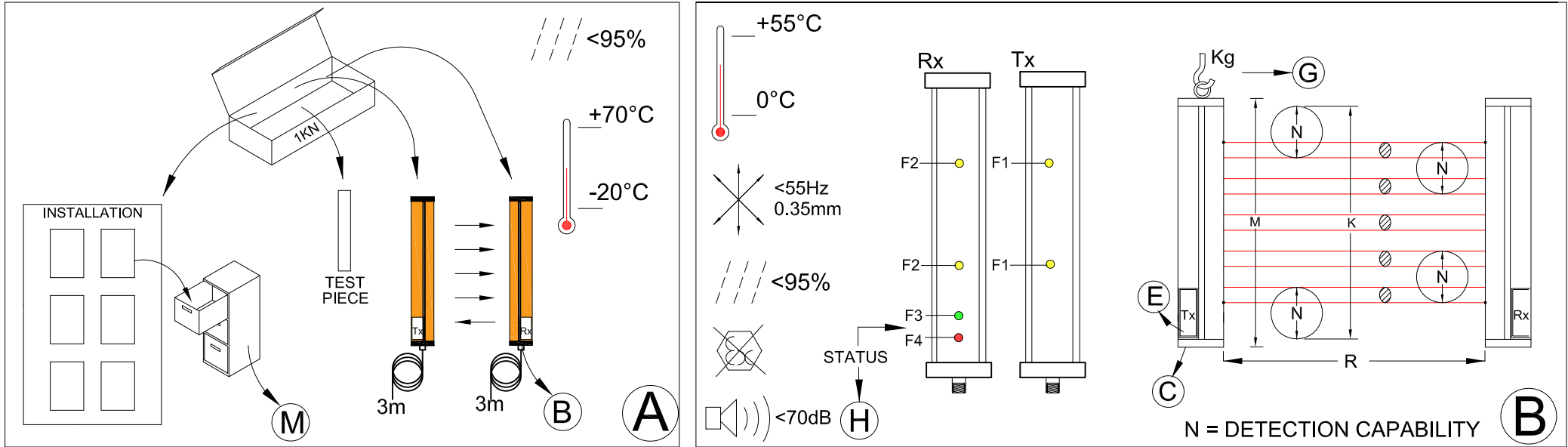




MODEL N=30mm	K(mm)	Kg.	MODEL N=40mm	K(mm)	Kg.
1KN6-180	180	0.3	1KN6-190L	190	0.3
1KN12-330	330	0.5	1KN12-340L	340	0.5
1KN18-480	480	0.7	1KN18-490L	490	0.7
1KN24-630	630	0.8	1KN24-640L	640	0.8
1KN30-780	780	0.9	1KN30-790L	790	0.9
1KN36-930	930	1.1	1KN36-940L	940	1.1
1KN42-1080	1080	1.3	1KN42-1090L	1090	1.3
1KN48-1230	1230	1.5	1KN48-1240L	1240	1.5
1KN54-1380	1380	1.7	1KN54-1390L	1390	1.7
1KN60-1530	1530	1.9	1KN60-1540L	1540	1.9
1KN66-1680	1680	2.1	1KN66-1690L	1690	2.1
1KN72-1830	1830	2.3	1KN72-1840L	1840	2.3

PFHd (Per Hour)	1.28818E-08
MTTFd (Years)	100 years or more

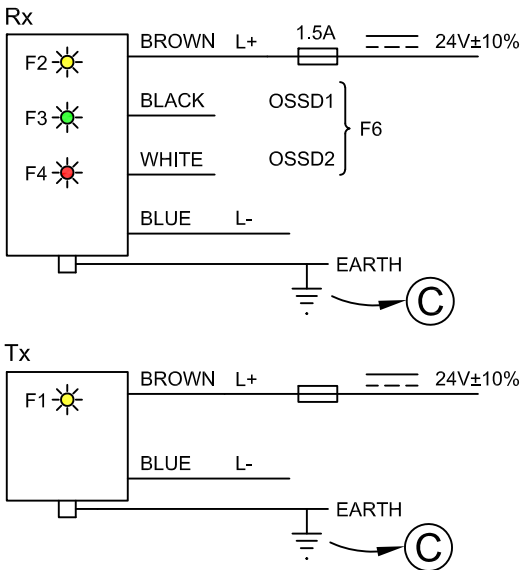
SMARTSCAN TW LTD.

www.smartscan.com.tw

2F, No.5 10th Rd. Taichung industrial park,
Taichung City,Taiwan R. O. C

TEL:886-4-23598885 FAX:886-4-23599423

N = 30mm R = 0.5 - 5m
N = 40mm R = 4 - 10m



FEATURE ON		STATUS / DIAGNOSTIC	
F1	YELLOW	INDICATOR (Tx)	NOT FLASHING - FAULT
F2	YELLOW	INDICATOR (Rx)	STEADY YELLOW - INFRARED BLOCKED
F2	YELLOW	INDICATOR (Rx)	UNEVEN FLASHING - FAULT
F3	GREEN	INDICATOR (Rx)	STEADY GREEN -OSSDs ON
F3	GREEN	INDICATOR (Rx)	FLASHING - OUTPUT FAULT
F4	RED	INDICATOR (Rx)	UNEVEN FLASHING - SYSTEM LOCK OUT FAULT
F4	RED	INDICATOR (Rx)	STEADY RED - OSSDs OFF
F6	OSSD	< 500mA	MAXIMUM SAFE OUT RATING



****ATTENTION****

TEST & MAINTENANCE

I

INSTALLATION

ATTENTION (F)

MAINTENANCE (I)

OPERATION

Y

6 MONTHS

N

Y

24 HRS.

N

FAULT

Y

H F I K

J

CONTROL

SUPPLIER

S.N.

WEE/FC1266QW

SUPPLIER

K



CD1028/020124

EC Declaration of Conformity

Product: Smartscan 1KN Light Curtain, Model 1KN-**** series.

Manufacturer: Smartscan TW Limited,
2F, No.5, 10th Road, Taichung Industrial park,
Taichung City, Taiwan R.O.C.

Declares that the safety component(s) described serial numbers between 1KN00001 – 1KN99999, fulfils the following safety function: Electro-sensitive protective equipment – Active Opto-electronic Protective Device (safety light curtain).

Conforms to the following Directives:

Machinery Directive	2006/42/EC
Electromagnetic Compatibility Directive	2014/30/EU
Low Voltage Directive	2014/35/EU

Complies with the relevant requirements of the following Standards:

IEC 61496-1, IEC 61496-2, EN IEC 61496-1, EN IEC 61496-2	Type 2
IEC 62061, EN 62061	SIL 1
ISO 13849-1, EN ISO 13849-1	PL c

Uses the following standards:
EN ISO 12100, EN 60204-1, IEC 60204-1

Complies with the examples to which the EC type examination certificate below relates, and is in conformity with the protection requirements of Council Directive 2014/30/EU, as amended, on the approximation of the laws of the Member States relating to electromagnetic compatibility.

The component is of a type listed in Annex IV of the Machinery Directive. Examples have been submitted for type examination by the Notified body identified below.

Safenet Certification Services are authorised to compile the technical file
Safenet Certification Services Ltd. Notified Body Number: 2805

Address Ducart Suite, Castletroy Park Commercial Campus, Limerick, V94 Y6FD, Ireland

Certificate No. 5407041023a and 5407041023b

Signed: Date: 02/01/2024

Title: Technical Director



ENGLISH	DANSK	DEUTSCHE	DUTCH	FRANCAIS	ITALIANO	ESPAÑNOL	SVENSKA
ATTENTION	attention	achtung	attentie	attention	attenzione	atencion	observera
AUTHORISED PERSON	person med autoritet	autorisierte person	bevoegd persoon	personne autorisée	personale autorizzato	persona autorizada	behörig person
BEAM CODING	strålekodning	Strahlcodierung	straalcodering	codage de faisceau	codifica del raggio	codificación de haz	strålkodning
BEAMS	stråle	gitter	stralen	faisceaux	raggi	haces	strålar
BLACK	sort	schwarz	zwart	noir	nero	negro	svart
BLUE	blå	blau	blauw	bleu	blu	azul	blå
BROWN	brun	braun	bruin	marron	marrone	marron	brun
CONTROL	kontrol	auswertegeraet	besturing	contrôle	controllo	controlar	kontroll
DANGER	fare	gefahr	gevaar	danger	pericolo	peligro	fara
DETECTION CAPABILITY	Opløsning	abfragungsfahigkeit	oplossend vermogen	capacité de détection	risoluzione	capacidad de deteccion	uppløsning
DETECTION ZONE	beskyttelses zone	abfragunszone	detectie zone	zone de detection	zono de rilevamento	zona de deteccion	skyddsfall
DIAGNOSTIC	diagnostisere	diagnostisch	diagnostiek	diagnostique	diagnostico	diagnóstico	diagnostisk
DISPOSAL	rådighed	entfernen	weg doen	disposition	smaltimento	disposicion	slängas
FAULT	fejl	fehler	fout	défaut	guasto	incidente	fel
FEATURE	muligheder	eigenschaft	eigenschap	dispositif	caratteristica	caratteristica	egenskaper
FLASHING	blinkende	blitzen, blinken	flitsen	clignotant	lampeggiante	parpadeando	blinkar
GREEN	grøn	grun	groen	vert	verde	verde	grön
INDICATOR	indikation	anzeige	indicator	indicateur	indicatore	indicador	indikering
INSTALLATION	installation	installation	installatie	installation	installazione	instalacion	installation
INSTRUCTIONS	instruktioner	Instruktionen	instructie	instructions	istruzioni	instrucciones	instruktion
LIGHT CURTAIN	Lysgitter	lichtgitter	lichtscherm	barrière	barriera ottica	cortina de seguridad	ljus barrier
LOCKOUT	fejlmode	aussperren	systeem blokkering	blocage	bloccaggio	cierre	felsäkert läge
MAINTENANCE	vedligeholde	wartung	onderhoud	entretien	manutenzione	mantenimiento	underhåll
MAXIMUM	maximum	Maximum	maximum	maximum	massimo	máximo	max
MINIMUM	minimum	minimum	minimum	le minimum	minimo	mínimo	minimum
MODEL	model	typ	model	modèle	modello	modelo	modell
MONTHS	måned	monate	maanden	mois	mesi	meses	månader
NOT FLASHING	blinker ikke	blinkt nicht	het opvlammen niet	pas clignotant	non lampeggiante	no parpadea	blinkar inte
OFF	Slukke	aus	uit	off	non attivo	apagado	från
ON	Tænde	ein	aan	on	attivo	en	till
OPERATION	operation	in betrieb	in bedrijf	opération	funzionamento	operacion	drift
OUT	ud	aus	uit	hors / dehors/ extérieur	uscita	fuera	ut
PERIMETER	omkreds	umfang	perimeter	périmètre	perimetro	perímetro	omkrets
RANGE	omrade	Reichweite	waaier	la gamme	gamma	oscilar	räckvidd
RED	rød	rot	rood	rouge	rosso	rojo	röd
REPAIR	reparere	reparatur	herstellen	réparation	riparazione	reparar	reparation
RESET	Nulstil	zurücksetzen	reset	réinitialiser	Ripristina	Reiniciar	återställa
SAFETY	sikkerhed	sicherheit	veiligheid	securité	sicurezza	seguridad	säkerhet
STATUS	status	status	status	statut	stato	estado	status
STEADY	rolig	zuverlässig	gelijkmatic	fixe	stabile	constante	stabil
SUPPLIER	leverandør	lieferant	leverancier	fournisseur	fornitore	proveedor	leverantör
SYSTEM	system	system	systeem	système	sistema	sistema	systemet
TEST PIECE	prøvestykke	Teststück	test stuk	pièce d'essai	pezzo di prova	pieza de prueba	testbit
UNEVEN FLASHING	ujævnt blinkende	ungleichmäßiges Blinken	het ongelijke opvlammen	clignotement inégal	lampeggiamento irregolare	parpadeo desigual	ojämn blinkande
WHITE	hvid	weiss	wit	blanc	bianco	blanco	vit
YEAR	år	Jahr	jaar	année	anno	año	år
YELLOW	gul	gelb	geel	jaune	giallo	amarillo	gul

