



REDINFRA SYSTEMS PVT. LTD.

ISO 9001-2015 Certified Company

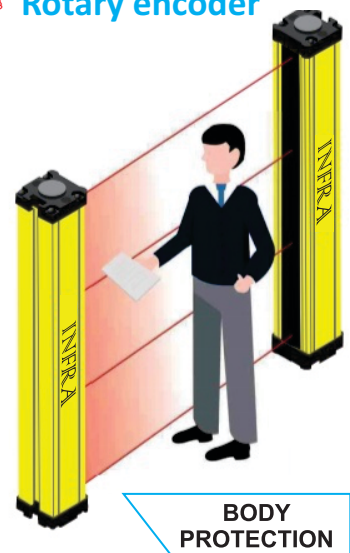
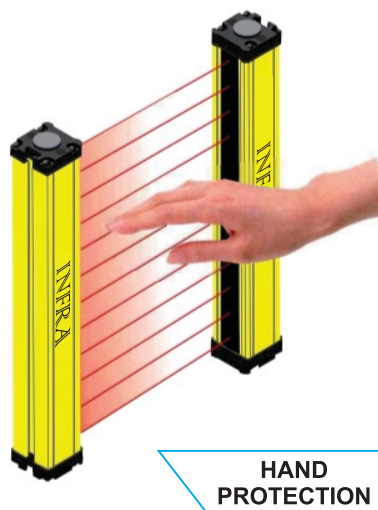
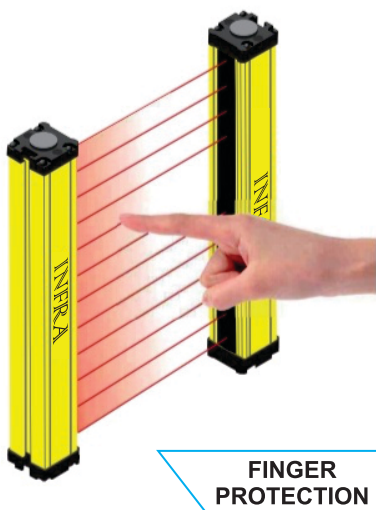


Sensors for Automation

- ☞ Safety Light Curtain
- ☞ Digital Counters

- ☞ Proximity Switches
- ☞ Timers

- ☞ Photoelectric Sensors
- ☞ Rotary encoder



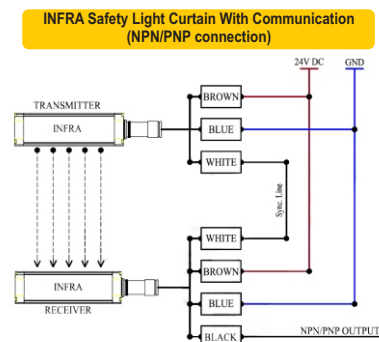
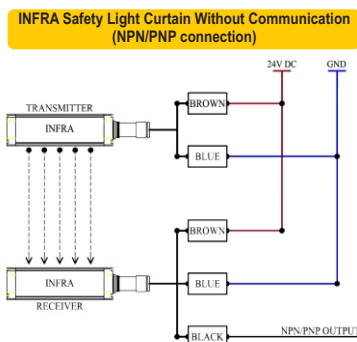
FEATURES

- ♦ Easy to install & can be mounted in any position. Vertical / Horizontal.
- ♦ Non Critical alignment between Emitter & Receiver.
- ♦ Blanking / By-Passing individual channel is provided through software.
- ♦ System operation is unaffected by mains power fluctuations.
- ♦ Machine OFF if screen is too dirty or oily.
- ♦ Barrier operates on cyclic scanning photo-electric infra-red techniques.
- ♦ Various barrier heights are available for covering 90 mm to 1890 mm .
- ♦ Higher covering heights available upon request.
- ♦ Use of solid state components & special construction technique ensures that barrier is not affected by normal vibrations & shocks.
- ♦ Sensor connections are provided through plug in connectors.
- ♦ Self Checking Circuitry with two outputs continuously monitors failure of any of the beam in the system and stop the machine if failure is detected.
- ♦ LED Indications are provided for status indication of each channel.
- ♦ LED indications are also provided for each output.
- ♦ Choice for suitable Control Unit available as per different working conditions.
- ♦ Flexible fixing arrangements to suit individual requirement.
- ♦ Increases productivity while maintaining required safety.



SPECIFICATIONS

Power Supply	12 - 24 Volts Dc
Supply Protection	Reverse Polarity Protected
Output	Single/dual Output (pnp Or Npn / No Or Nc)
Output Indications	Through Leds
Channel Indication	Led Indication For Each Channel
Response Time	On To Off : 10 - 15 M Sec. Off To On : 50 - 100 M Sec
No Of Beams	6, 10, 12, 16, 18, 24, 30, 36, 40, 48, 54, 60
Beam By Pass	Provided To Finger/hand/body Protection Models
Protected Heights	100-3000 In Mm
Pitch Offered	20, 30, 40, 50 In Mm
Adjustable Range	Up To 3 Meters (higher Range Up To 5,10,15,20 Meters Available)
Standard Cable Length	5 Meters For Emitter, 3 Meters For Receiver
Operating Temperature	Up To 55°c
Cross Section In Two Types	30x30x(l) & 31x51x(l) & 17x35x(l)
Electrical Connections	Plug In Connector For Emitter & Receiver
Applicable To	Directly Work With Plcs / Controllers
Protections	Output Short Circuit Protected
Suitable For	Machines With Quick Emergency Stop



ACCESSORIES



Din Rail Mounting Control Unit



Wall Mounting Control Unit



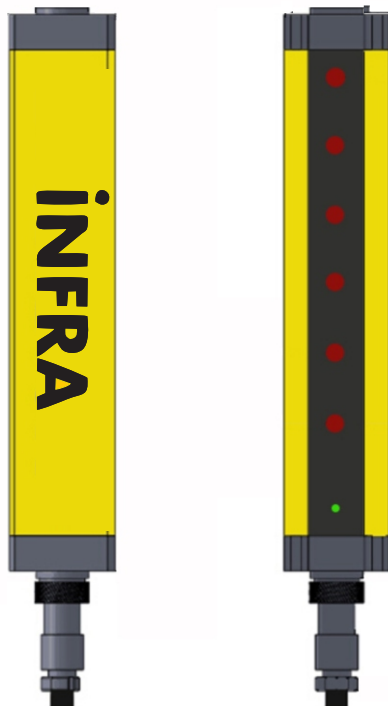
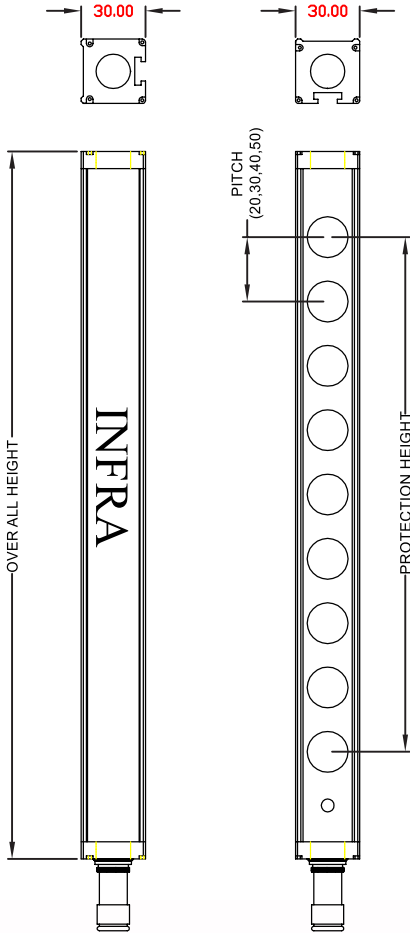
Rectangular Mounting Bracket



Shield Wire Cable



CE TYPE - 4 IEC STANDARD : IEC 61496
SLC30 Series



SLC30 Series						
Parallel Beam		Protected Height	Overall Height	Pitch	Cross Beam	
MODEL NO	Beam's	in "mm"	"mm"	"mm"	MODEL NO	Beam's
SLC30-0620	6	100	185	20	SLX30-0620	16
SLC30-1220	12	220	305	20	SLX30-1220	34
SLC30-1820	18	340	425	20	SLX30-1820	52
SLC30-2420	24	460	545	20	SLX30-2420	70
SLC30-3020	30	580	665	20	SLX30-3020	88
SLC30-3620	36	700	785	20	SLX30-3620	106

FINGER PROTECTION

SLC30-0630	6	150	245	30	SLX30-0630	16
SLC30-1230	12	330	425	30	SLX30-1230	34
SLC30-1830	18	510	605	30	SLX30-1830	52
SLC30-2430	24	690	785	30	SLX30-2430	70
SLC30-3030	30	870	965	30	SLX30-3030	88
SLC30-3630	36	1050	1145	30	SLX30-3630	106
SLC30-0640	6	200	305	40	SLX30-0640	16
SLC30-1240	12	440	545	40	SLX30-1240	34
SLC30-1840	18	680	785	40	SLX30-1840	52
SLC30-2440	24	920	1025	40	SLX30-2440	70
SLC30-3040	30	1160	1265	40	SLX30-3040	88
SLC30-3640	36	1400	1505	40	SLX30-3640	106
SLC30-1030	10	270	365	30	SLX30-1030	28
SLC30-1040	10	360	455	40	SLX30-1040	28
SLC30-1630	16	450	535	30	SLX30-1630	46
SLC30-1640	16	600	690	40	SLX30-1640	46

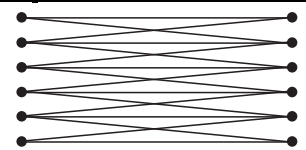
HAND PROTECTION

SLC30-0650	6	250	365	50	SLX30-0650	16
SLC30-1250	12	550	665	50	SLX30-1250	34
SLC30-1650	16	750	855	50	SLX30-1650	16
SLC30-1850	18	850	965	50	SLX30-1850	52
SLC30-2450	24	1150	1265	50	SLX30-2450	70
SLC30-3050	30	1450	1565	50	SLX30-3050	88
SLC30-3650	36	1750	1865	50	SLX30-3650	106
SLC30-4850	48	2350	2465	50	SLX30-4850	142
SLC30-5450	54	2650	2765	50	SLX30-5450	160
SLC30-1690	16	1350	1440	90	-	-

BODY PROTECTION



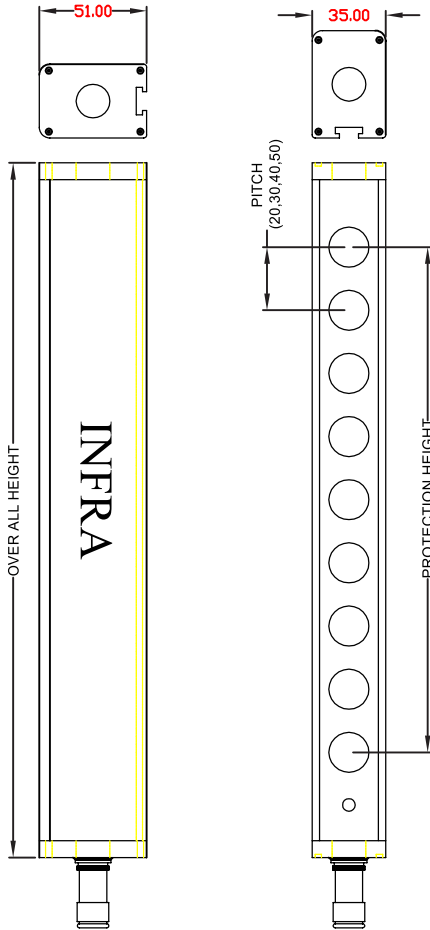
Type : Parallel Beam
No of Beams : 6 nos
Active Beams : 6 nos



Type : Cross Beam
No of Beams : 6 nos
Active Beams : 16 nos



SLC35 Series



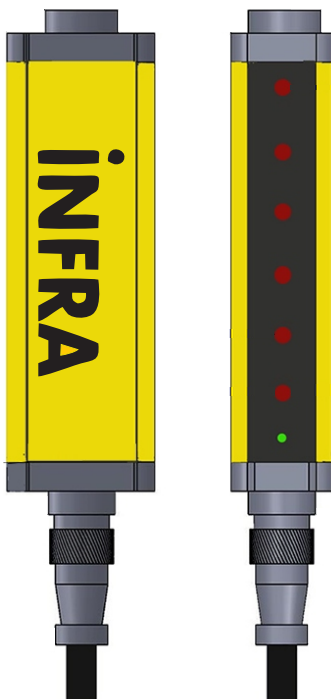
SLC35 Series

Parallel Beam		Protected Height	Overall Height	Pitch	Cross Beam	
MODEL NO	Beam's	in "mm"	"mm"	"mm"	MODEL NO	Beam's
SLC35-0620	6	100	185	20	SLX35-0620	16
SLC35-1220	12	220	305	20	SLX35-1220	34
SLC35-1820	18	340	425	20	SLX35-1820	52
SLC35-2420	24	460	545	20	SLX35-2420	70
SLC35-3020	30	580	665	20	SLX35-3020	88
SLC35-3620	36	700	785	20	SLX35-3620	106

FINGER PROTECTION

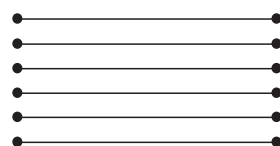
SLC35-0630	6	150	245	30	SLX35-0630	16
SLC35-1230	12	330	425	30	SLX35-1230	34
SLC35-1830	18	510	605	30	SLX35-1830	52
SLC35-2430	24	690	785	30	SLX35-2430	70
SLC35-3030	30	870	965	30	SLX35-3030	88
SLC35-3630	36	1050	1145	30	SLX35-3630	106
SLC35-0640	6	200	305	40	SLX35-0640	16
SLC35-1240	12	440	545	40	SLX35-1240	34
SLC35-1840	18	680	785	40	SLX35-1840	52
SLC35-2440	24	920	1025	40	SLX35-2440	70
SLC35-3040	30	1160	1265	40	SLX35-3040	88
SLC35-3640	36	1400	1505	40	SLX35-3640	106
SLC35-1030	10	270	365	30	SLX35-1030	28
SLC35-1040	10	360	455	40	SLX35-1040	28
SLC35-1630	16	450	535	30	SLX35-1630	46
SLC35-1640	16	600	690	40	SLX35-1640	46

HAND PROTECTION

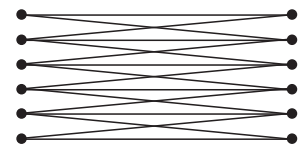


SLC35-0650	6	250	365	50	SLX35-0650	16
SLC35-1250	12	550	665	50	SLX35-1250	34
SLC35-1650	16	750	855	50	SLX35-1650	16
SLC35-1850	18	850	965	50	SLX35-1850	52
SLC35-2450	24	1150	1265	50	SLX35-2450	70
SLC35-3050	30	1450	1565	50	SLX35-3050	88
SLC35-3650	36	1750	1865	50	SLX35-3650	106
SLC35-4850	48	2350	2465	50	SLX35-4850	142
SLC35-5450	54	2650	2765	50	SLX35-5450	160
SLC35-1690	16	1350	1440	90	-	-

BODY PROTECTION



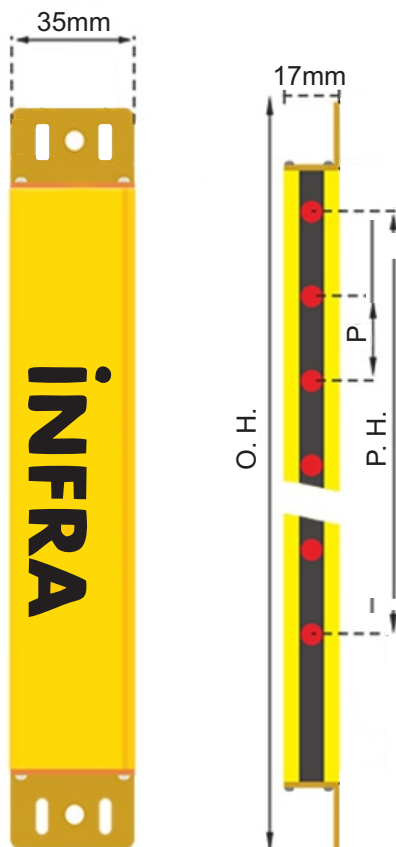
Type : Parallel Beam
No of Beams : 6 nos
Active Beams : 6 nos



Type : Cross Beam
No of Beams : 6 nos
Active Beams : 16 nos



SLC17 Series



SLC17 Series						
Parallel Beam		Protected Height	Overall Height	Pitch	Cross Beam	
MODEL NO	Beam's	in "mm"	"mm"	"mm"	MODEL NO	Beam's
SLC17-0620	6	100	185	20	SLX17-0620	16
SLC17-1220	12	220	305	20	SLX17-1220	34
SLC17-1820	18	340	425	20	SLX17-1820	52
SLC17-2420	24	460	545	20	SLX17-2420	70
SLC17-3020	30	580	665	20	SLX17-3020	88
SLC17-3620	36	700	785	20	SLX17-3620	106

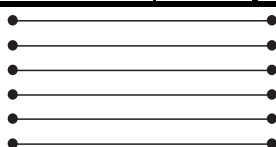
FINGER PROTECTION

SLC17-0630	6	150	245	30	SLX17-0630	16
SLC17-1230	12	330	425	30	SLX17-1230	34
SLC17-1830	18	510	605	30	SLX17-1830	52
SLC17-2430	24	690	785	30	SLX17-2430	70
SLC17-3030	30	870	965	30	SLX17-3030	88
SLC17-3630	36	1050	1145	30	SLX17-3630	106
SLC17-0640	6	200	305	40	SLX17-0640	16
SLC17-1240	12	440	545	40	SLX17-1240	34
SLC17-1840	18	680	785	40	SLX17-1840	52
SLC17-2440	24	920	1025	40	SLX17-2440	70
SLC17-3040	30	1160	1265	40	SLX17-3040	88
SLC17-3640	36	1400	1505	40	SLX17-3640	106
SLC17-1030	10	270	365	30	SLX17-1030	28
SLC17-1040	10	360	455	40	SLX17-1040	28
SLC17-1630	16	450	535	30	SLX17-1630	46
SLC17-1640	16	600	690	40	SLX17-1640	46

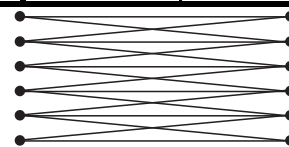
HAND PROTECTION

SLC17-0650	6	250	365	50	SLX17-0650	16
SLC17-1250	12	550	665	50	SLX17-1250	34
SLC17-1650	16	750	855	50	SLX17-1650	16
SLC17-1850	18	850	965	50	SLX17-1850	52
SLC17-2450	24	1150	1265	50	SLX17-2450	70
SLC17-3050	30	1450	1565	50	SLX17-3050	88
SLC17-3650	36	1750	1865	50	SLX17-3650	106
SLC17-4850	48	2350	2465	50	SLX17-4850	142
SLC17-5450	54	2650	2765	50	SLX17-5450	160
SLC17-1690	16	1350	1440	90	-	-

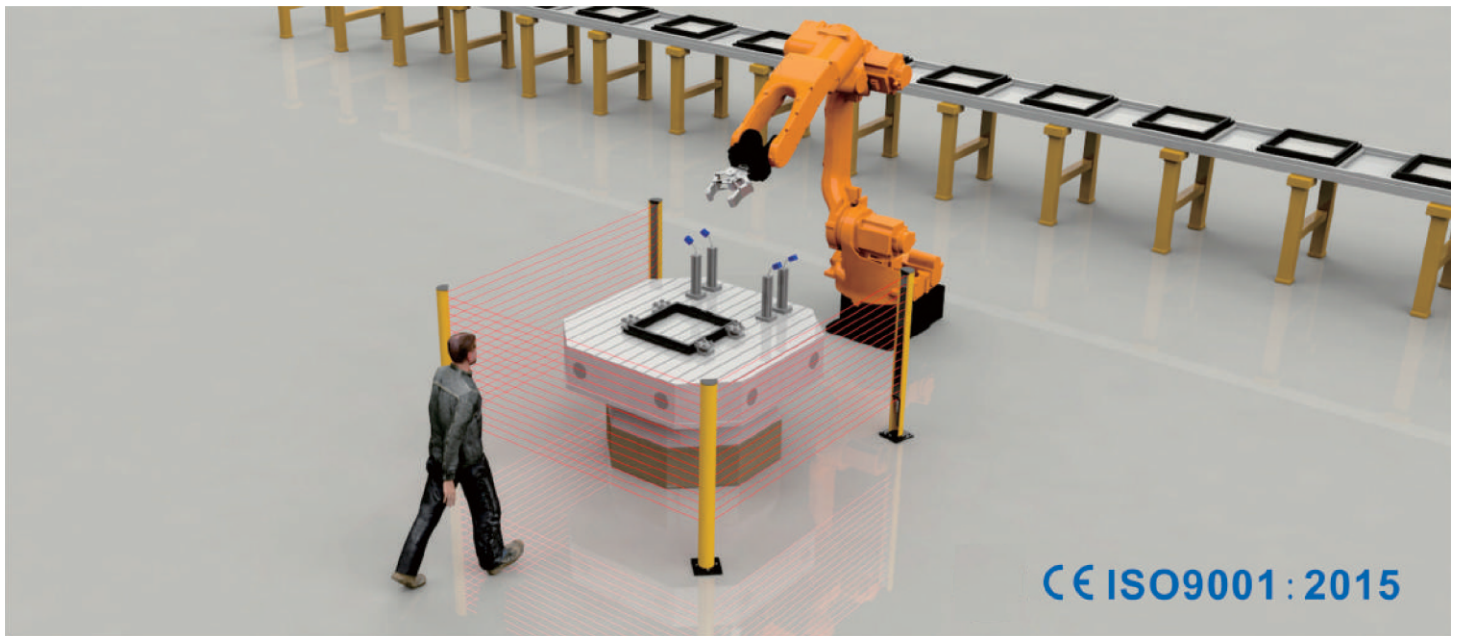
BODY PROTECTION



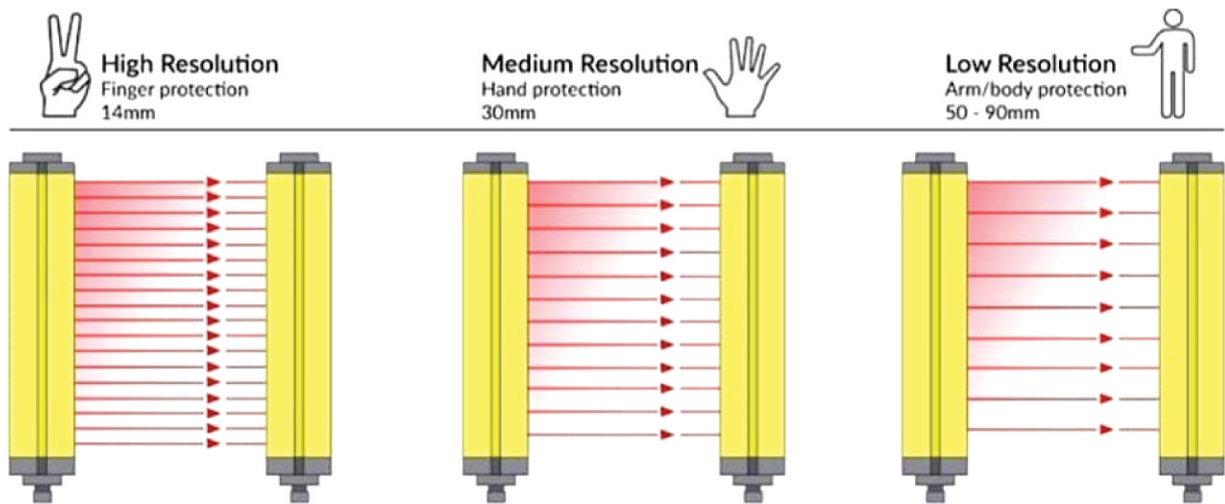
Type : Parallel Beam
No of Beams : 6 nos
Active Beams : 6 nos



Type : Cross Beam
No of Beams : 6 nos
Active Beams : 16 nos



To Protect Your Finger, Hand, Arm, Body From Machine



Our Customers



Certification



REDINFRA SYSTEMS PVT. LTD.

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DEALER

