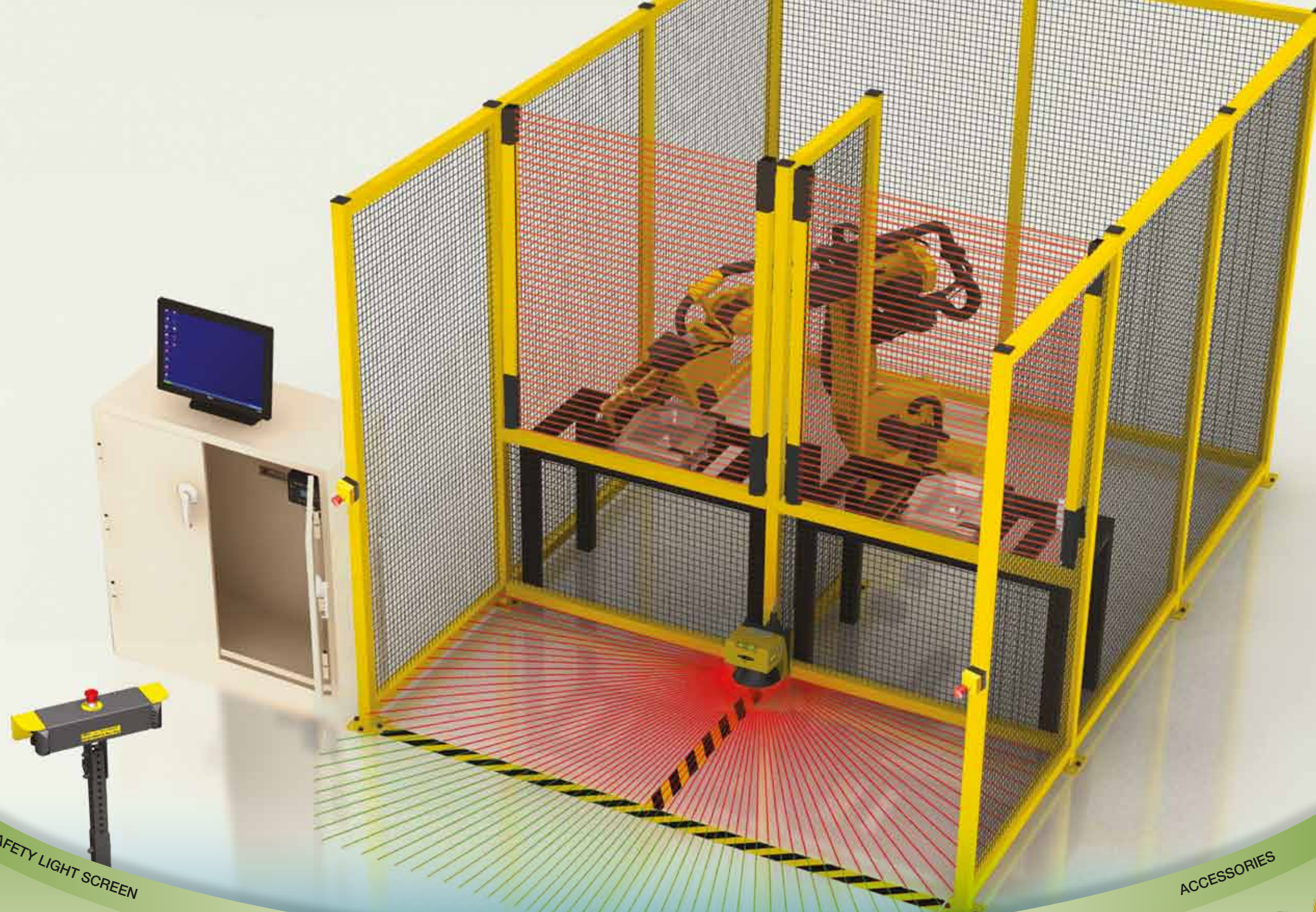


# Safety Solutions



SAFETY LIGHT SCREEN



- New EZ-SCREEN LP with small footprint and space saving design
- Standard or cascadable versions
- Type 4 and Type 2 versions

TWO-HAND CONTROL



- Ergonomic design, avoids risk of repetitive strain injury
- With or without run bar structure
- Meets highest safety category

SAFETY SCANNER



- Two-dimensional laser scanner with easy-to-use software
- Programming of irregular shaped warning and detection zones
- 190° scanning angle with 30 mm resolution and 4 m range

SAFETY CONTROLLER



- Ideal to replace clusters of multiple safety relays
- Easy to program, intuitive set-up software
- Pre-programmed logic blocks like muting, two hand control...

ACCESSORIES



- Complete range of mechanical safety interlock switches
- Extensive choice from safety modules and interface relays
- Brackets, stands, mirrors, lens shields, cables...

[www.bannerengineering.co.in](http://www.bannerengineering.co.in)

# EZ-SCREEN T2

Type 2, Category 2

Up to 15 m range, 30 mm Minimum Object Detection Size  
24 Vdc power supply, 8-pin M12 integral connectors, 11 to 25 ms response time  
Manual (Latch) and Automatic (Trip) Restart Models

Defined Area	Model Pair		Housing Length (L)	Response Time	Number of Beams
	Automatic Restart	Manual Restart			
150 mm	LS2TP30-150Q88	LS2LP30-150Q88	215 mm	11 ms	8
300 mm	LS2TP30-300Q88	LS2LP30-300Q88	365 mm	13 ms	16
450 mm	LS2TP30-450Q88	LS2LP30-450Q88	515 mm	14 ms	24
600 mm	LS2TP30-600Q88	LS2LP30-600Q88	665 mm	16 ms	32
750 mm	LS2TP30-750Q88	LS2LP30-750Q88	815 mm	17 ms	40
900 mm	LS2TP30-900Q88	LS2LP30-900Q88	964 mm	19 ms	48
1050 mm	LS2TP30-1050Q88	LS2LP30-1050Q88	1114 mm	21 ms	56
1200 mm	LS2TP30-1200Q88	LS2LP30-1200Q88	1264 mm	22 ms	64
1350 mm	LS2TP30-1350Q88	LS2LP30-1350Q88	1414 mm	24 ms	72
1500 mm	LS2TP30-1500Q88	LS2LP30-1500Q88	1563 mm	25 ms	80

A pair includes an emitter and a receiver.

# EZ-SCREEN LP

Low Profile - Type 4, Cat 4 PLe, SIL 3

Up to 6 m range, 14 mm and 25 mm Minimum Object Detection Size  
24 Vdc power supply, 8-pin M12 pigtail connectors, 8 to 43,5 ms response time

Defined Area	Model Pair		Housing Length (L)	Response Time		Number of Beams	
	14 mm Resolution	25 mm Resolution		14 mm	25 mm	14 mm	25 mm
270 mm	SLPP14-270P88	SLPP25-270P88	270 mm	10.5 ms	8 ms	27	14
410 mm	SLPP14-410P88	SLPP25-410P88	410 mm	13.5 ms	9.5 ms	41	21
550 mm	SLPP14-550P88	SLPP25-550P88	549 mm	16.5 ms	11 ms	55	29
690 mm	SLPP14-690P88	SLPP25-690P88	689 mm	19.5 ms	12.5 ms	69	35
830 mm	SLPP14-830P88	SLPP25-830P88	829 mm	22.5 ms	14 ms	83	42
970 mm	SLPP14-970P88	SLPP25-970P88	969 mm	25.5 ms	15.5 ms	97	49
1110 mm	SLPP14-1110P88	SLPP25-1110P88	1108 mm	28.5 ms	17 ms	111	56
1250 mm	SLPP14-1250P88	SLPP25-1250P88	1248 mm	31.5 ms	18.5 ms	125	63
1390 mm	SLPP14-1390P88	SLPP25-1390P88	1388 mm	34.5 ms	20 ms	139	70
1530 mm	SLPP14-1530P88	SLPP25-1530P88	1528 mm	37.5 ms	21 ms	153	77
1670 mm	SLPP14-1670P88	SLPP25-1670P88	1667 mm	40.5 ms	22.5 ms	167	84
1810 mm	SLPP14-1810P88	SLPP25-1810P88	1807 mm	43.5 ms	24 ms	181	91

A pair includes an emitter and a receiver.  
Following models are also available: cascadable, anodized aluminium housing and ESD-safe versions.



# Safety Controller

SC22-3 & SC22-3E

Configurable safety controller with 22 inputs and 3 redundant safety outputs, programming via intuitive PC software  
Meets SIL3 and Cat 4 PLe

Model	Terminal Type	Safety Outputs	USB Cable	Output Rating	Aux. Outputs	XM Card	XM Programming Tool	Communication Protocol
SC22-3-SU1	Screw	6 PNP (3 pairs)	1.8 m	0.75 A each output	10 configurable status outputs	Yes	Yes	EtherNet/IP & Modbus TCP
SC22-3-CU1	Clamp		-				-	
SC22-3-S	Screw		-				-	
SC22-3-C	Clamp		1.8 m	0.5 A each output			Yes	
SC22-3E-SU1	Screw		-				-	
SC22-3E-CU1	Clamp		-				-	
SC22-3E-S	Screw		-	-			-	
SC22-3E-C	Clamp		-	-			-	



# Laser Scanner

AG4-4E

Configurable two-dimensional laser safety scanner for easy setting of irregular detection fields, range 15 m, separate warning and protective fields selectable  
Meets Type 3 and SIL 2 requirements

Model	Range Protective Fields	Range Warning Fields	Safety Output	Aux. Outputs	Scanning Angle	Response Time
AG4-4E	30 mm resolution = 1,6 m	150 mm resolution = 15 m	2 PNP OSSD	2 PNP	190°	80 ms (default) adjustable to 340 ms
	40 mm resolution = 2,20 m					
	50 mm resolution = 2,80 m					
	70 mm resolution = 4,0 m					

# DUO-TOUCH

Two Hand Control devices



Easy to install Run Bar with ergonomic design that reduces the risks for hand, wrist or arm stress  
Meets Cat 4 and Type IIIC requirements

Kit	Module	STB Buttons (2 pcs)	Run Bar	Connection	E-Stop	IP Rating
ATK-VP6	AT-FM-10K	STBVP6	-	2 m cable	-	STBs: IP66 AT-FM-10K: IP20
ATK-VP6Q5	AT-FM-10K	STBVP6Q5	-	4 pin M12 QD	-	IP65
STBVP6-RB2	-	STBVP6	included	terminal strip	-	
STBVP6-RB2Q8	-	STBVP6	included	8 pin Mini QD	-	
STBVP6-RB2E02	-	STBVP6	included	terminal strip	included	

# Accessories



## Brackets

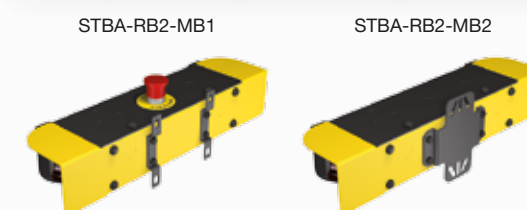


## Corner Mirror

## Telescopic Stands



## Wall Mount Brackets



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