

# BALLISTIC SHIELD



Attachment for Skeletonized shield hanging system

Impact Attenuation Foam Pads

Self-Alignment weapon support system

Ambidextrous Handle

Instant wear neck collar attachment system

Impact Attenuation Foam Pads

## About Shield

SM carapace offers ergonomically design ballistic shields of various defence applications. These shields provide protection against multiple threats starting from 9mm rounds to NIJ Level IV. Ballistic shields are designed for use by law enforcement personnel/all Attachment for kinds of defense forces.

## Technical Parameters

<b>MODEL</b>	CaraSTOP BS L4
<b>CONSTRUCTION</b>	B4C + UHMWPE
<b>SIZE</b>	(90x50 cm) ± 3 cm
<b>THICKNESS</b>	25 mm ± 3 mm
<b>WEIGHT</b>	18 kg ± 1 kg
<b>PROTECTION LEVEL</b>	NIJ Level IV
<b>PROTECTION AGAINST</b>	7.62 x 54 mm API B32
<b>NO. OF SHOTS</b>	6 Shots

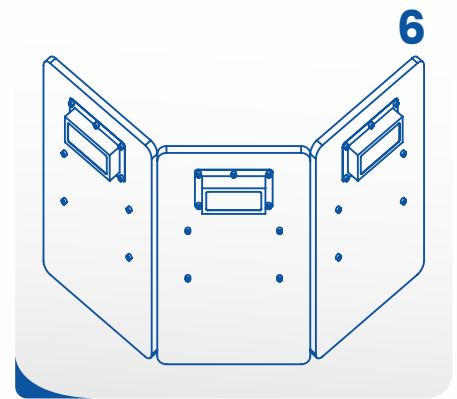
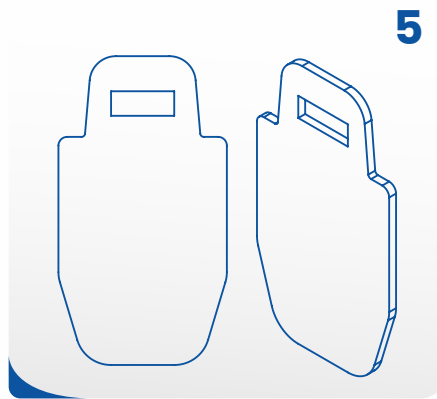
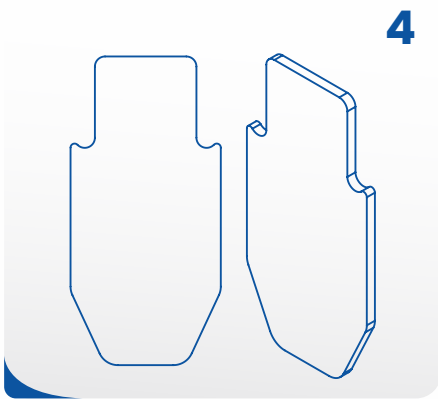
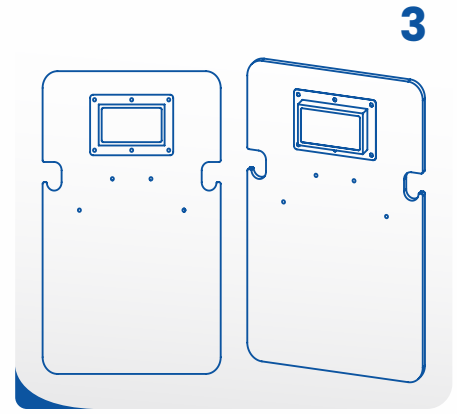
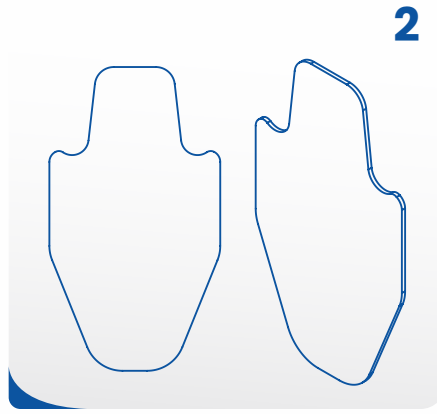
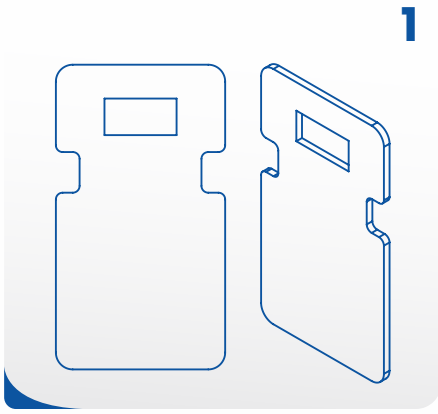
\*Meets NIJ 0101.06 standards | \*\* Customized Solution Available

## SMPP LIMITED

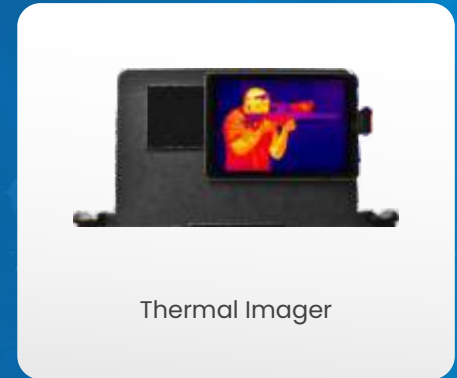
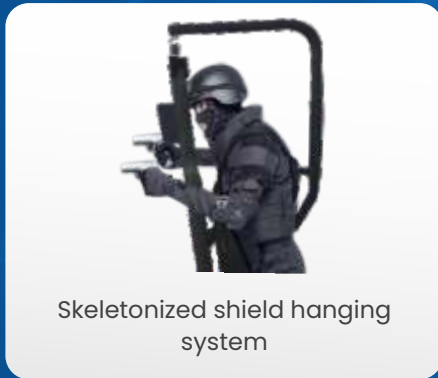
SM HOUSE, 29, OKHLA INDUSTRIAL ESTATE – III, NEW DELHI –110020, INDIA  
PH: +91-11-43512784 | FAX: +91-11-26262129  
Email: [contact@smgroupindia.com](mailto:contact@smgroupindia.com) | Website: [www.smgroupindia.com](http://www.smgroupindia.com)

- National Award for Indigenisation
- Defence Technology Award
- Award for Technology & Product Innovation 2020

# Optional Shapes



# Optional Accessories



# SMPP LIMITED

SM HOUSE, 29, OKHLA INDUSTRIAL ESTATE – III, NEW DELHI –110020, INDIA  
PH: +91-11-43512784 | FAX: +91-11-26262129  
Email: [contact@smgroupindia.com](mailto:contact@smgroupindia.com) | Website: [www.smgroupindia.com](http://www.smgroupindia.com)

- National Award for Indigenisation
- Defence Technology Award
- Award for Technology & Product Innovation 2020

# BALLISTIC SHIELD

## SM-MHA-L4



## About Shield

This range of Ballistic Shield incorporates the latest material technology and ambidextrous handle. This shield is constructed from HPPE high tensile strength polyethylene and light weight advanced ceramics and is especially for high performance. The Ballistic shield is designed to meet complete requirements of NIJ level IV. This composite material based plate offers excellent protection against Level IV Protection, The Ballistic shield is used against 7.62 x 54 mm API 832 ammunition.

## Features

- Wearable Shield: Soldiers can wear this shield by using nylon straps thus enabling them to perform operation easily by using both hands.
- Quick Release assembly
- Ambidextrous handle.
- Thick Durable padding made of high-density and shock-resistant foam.
- For Forearm/elbow support.

## Application

- Riot Control Forces
- Anti-Terrorist/Counter Insurgency Operations

## Technical Parameters

<b>MODEL</b>	CaraSTOP SM-MHA-L4
<b>SIZE (SMALL)</b>	Small : 76x39 cm Large : 86x52 cm
<b>WEIGHT (without view port)</b>	Small size : <12 kg Large size : <18 kg
<b>PROTECTION LEVEL</b>	NIJ Level IV (At Centre) NIJ Level III+ (At Edges)
<b>ACCESSORIES</b>	IR Camera

\*Meets NIJ 0101.06 standards | \*\* Customized Solution Available

## SMPP LIMITED

SM HOUSE, 29, OKHLA INDUSTRIAL ESTATE – III, NEW DELHI –110020, INDIA  
PH: +91-11-43512784 | FAX: +91-11-26262129  
Email: contact@smgroupindia.com | Website: www.smgroupindia.com

- National Award for Indigenisation
- Defence Technology Award
- Award for Technology & Product Innovation 2020

# BALLISTIC SHIELD ADV



## About Shield

This range of Ballistic Shield incorporates the latest material technology and ambidextrous handle. This shield is constructed from HPPE high tensile strength polyethylene and light weight advanced ceramics and is especially for high performance. The Ballistic shield is designed to meet complete requirements of NIJ level IV. This composite material based plate offers excellent protection against Level IV Protection.

## Technical Parameters

<b>MODEL</b>	CaraSTOP BS L4 ADV
<b>SIZE (SMALL)</b>	Small : 76x39 cm Large : 86x52 cm
<b>WEIGHT (without view port)</b>	Small: Less than 14.5 kg Large: Less than 20.5 kg
<b>PROTECTION LEVEL</b>	NIJ Level IV
<b>PROTECTION AGAINST</b>	7.62X54 mm API B32

\*Meets NIJ 0101.06 standards | \*\* Customized Solution Available

## SMPP LIMITED

SM HOUSE, 29, OKHLA INDUSTRIAL ESTATE – III, NEW DELHI –110020, INDIA  
PH: +91-11-43512784 | FAX: +91-11-26262129  
Email: contact@smgroupindia.com | Website: www.smgroupindia.com

- National Award for Indigenisation
- Defence Technology Award
- Award for Technology & Product Innovation 2020

# BALLISTIC SHIELD

SMPP offers ergonomically designed ballistic shields for various defence applications. These shields provide protection against multiple threats ranging from 9 mm rounds to NIJ level IV. Ballistic shields are designed for use by law enforcement personnel/all kinds of defence forces.

## FEATURES:-

- Ergonomically designed for the comfort of the user.
- Ballistic glass used offers clear vision and provides the same level of protection as the main shield.
- Rugged and sturdy, it is capable of withstanding all weather hazards.
- Equipped with forehead and forearm impact attenuating Ethafoam pads built into the inside surface of the shields designed to absorb shock from fragment/bullet and pressure wave impacts.
- Provided with ambidextrous handles.
- Equipped with a shoulder strap to enable hands-free carriage.

## OPTIONAL FEATURES:-

- Trolley or stand for carrying the shield.
- Detachable Lighting System with Rechargeable Battery.
- Different shield sizes and view port sizes are available on request.

## WEIGHT OF SHIELD

PROTECTION LEVEL	AMMUNITION		OPTION A	OPTION B	OPTION C	REMARKS
Level IIIA (9 mm)	9mm	LW	6.7 Kg	N/A	6.5 Kg	<p><b>For Opt A and B</b></p> <p>Shield Size: 900 x 500 mm</p> <p>View Port Size: 200 x 120 mm</p> <p>Glass Size: 230 x 150 mm</p> <p><b>For Opt C</b></p> <p>900 x 500 mm</p> <p>200 x 120 mm</p> <p>230 x 150 mm</p>
		STD	7.0 Kg	N/A	7.5 Kg	
Level IIIA	9mm, 0.357 SIG, 0.44 Mag	LW	6.7 Kg	N/A	7.5 Kg	
		STD	7.0 Kg	N/A	9.0 Kg	
Level III	7.62 X 51 mm NATO ball	UL	13.0 Kg	12.0 kg	15.5 Kg	
		LW	13.5 Kg	13.0 kg	16.5 Kg	
		STD	14.0 Kg	13.5 Kg	17.0 Kg	
Level III+	7.62 X 39 mm Mild Steel Core 7.62 X 51 mm NATO ball	UL	13.0 Kg	13.0 Kg	16.5 Kg	
		LW	14.0 Kg	14.0 Kg	17.5 Kg	
		STD	14.5 Kg	14.5 Kg	18.0 Kg	
Level III++	5.56 X 45 mm SS109 7.62 X 51 mm NATO ball	UL	14.0 Kg	13.5 Kg	17.0 Kg	
		LW	15.0 Kg	14.5 Kg	18.5 Kg	
		STD	16.0 Kg	15.5 Kg	19.5 Kg	
Level III + Ak47 HSC	7.62 X 39 mm Hard Steel Core 7.62 X 39 mm Mild Steel Core 5.56 X 45 mm SS109 7.62 X 51 mm NATO ball	UL	16.0 Kg	15.5 Kg	19.5 Kg	
		LW	17.5 Kg	16.5 Kg	21.0 Kg	
		STD	19.0 Kg	18.5 Kg	23.5 Kg	<p><b>For Opt C</b></p> <p>900 x 600 mm</p> <p>200 x 120 mm</p> <p>230 x 150 mm</p>
Level IV	.30 Caliber M2 AP 7.62 X 39 mm Hard Steel Core 7.62 X 39 mm Mild Steel Core 5.56 X 45 mm SS109 7.62 X 51 mm NATO ball	UL	20.0 Kg	19.5 Kg	25.0 Kg	<p><b>For Opt A and B</b></p> <p>Shield Size: 900 x 500 mm</p> <p>View Port Size: 200 x 120 mm</p> <p>Glass Size: 230 x 150 mm</p> <p><b>For Opt C</b></p> <p>900 x 600 mm</p> <p>250 x 100 mm</p> <p>280 x 130 mm</p>
		LW	22.0 Kg	21.0 Kg	27.0 Kg	
		STD	24.5 Kg	23.5 Kg	30.0 Kg	
		ECO	28.0 Kg	27.0 Kg	35.0 Kg	

## SMPP LIMITED

SM HOUSE, 29, OKHLA INDUSTRIAL ESTATE – III, NEW DELHI –110020, INDIA  
PH: +91-11-43512784 | FAX: +91-11-26262129  
Email: contact@smgroupindia.com | Website: www.smgroupindia.com

- National Award for Indigenisation
- Defence Technology Award
- Award for Technology & Product Innovation 2020