

1. Customer & Supply Details

- **Customer:** Assam Rifles – Ministry of Home Affairs (Central Armed Police Forces)
- **Supply Location:** Assam Rifles units across Meghalaya, Nagaland, and other operational regions
- **Product Model:** SBWC-01 Body Worn Camera (Make: Sanchar)
- **Quantity Supplied:** 2,120 Units (Base Order)
- **Additional Supply:** 736 Units + 206 Units
- **Total Supply:** 3,062 Units
- **Supply Objective:** To enhance field surveillance, operational transparency, and evidence collection in counter-insurgency and border management operations.



2. Product Overview & Key Features

The SBWC-01 Body Worn Camera is a rugged, high-performance surveillance device designed to record real-time video and audio during field operations.

Key Features:

- **Ultra HD Video Recording** with resolutions up to 2540×1440 (30fps).
- **Wide-Angle Coverage:** 142° clear lens for maximum field of view.
- **Photo Capture:** Up to 40 Mega Pixel resolution with burst mode.
- **Night Vision:** IR support up to 15 meters with auto/manual switching.
- **Live Streaming:** 4G & Wi-Fi enabled for remote real-time monitoring.
- **GPS Enabled:** Integrated GPS for location tracking and watermarking.
- **LCD Display:** 2.0" color screen for on-device playback and review.
- **Battery Performance:** 3500mAh Li-ion battery, up to 14 hours continuous recording.
- **Storage Capacity:** Expandable options up to 256 GB.
- **Security & Integrity:** Password protection, watermarking (Device ID, Officer ID, GPS, time/date).
- **Durability:** IP-68 waterproof rating, drop-resistant up to 2 meters, operational temperature -40°C to +65°C.
- **Additional Features:** One-key alarm, one-touch audio/video recording, ability to capture photos while recording, talk-back communication, motion detection (optional), and laser/flash enabled functions.

3. Technical Implementation & Deployment

Delivery & Distribution: Cameras were delivered to Assam Rifles HQ in Shillong and systematically allocated to forward units across sensitive regions.

Pre-Dispatch Inspection & Sample Approval: Conducted as per MHA norms to ensure quality compliance.

Training Programs: Conducted for field personnel covering:

- Device handling and one-touch recording
- Secure data transfer and evidence storage
- Troubleshooting and basic maintenance

Operational Deployment:

- Used at checkpoints, night patrols, and border outposts
- Integrated into counter-insurgency operations for real-time monitoring
- Enabled live command HQ viewing for better decision-making

4. Operational Impact

- Enhanced Transparency: Improved accountability during field operations through secure audio-video records.
- Real-Time Monitoring: Live-streaming capability empowered command centers with situational awareness.
- Operational Efficiency: Reduced response times during surveillance and security operations.
- Evidence Integrity: Tamper-proof video records strengthened legal proceedings and inquiries.
- Scalability: Additional 942 units (736 + 206) expanded coverage across multiple battalions seamlessly.

5. After-Sales Service & Performance Feedback

- Dedicated Service Support: 24×7 hotline, on-site technical support, and preventive maintenance services.
- Zero Critical Complaints: During warranty, devices demonstrated consistent reliability under heavy field usage.

User Feedback:

- Praised for rugged build and ease of use in challenging terrain.
- High video/audio clarity even in night operations.
- Reliable connectivity ensured uninterrupted command HQ updates.

6. Advantages Delivered to the Customer

- Operational Readiness: Assam Rifles units equipped with modern surveillance capability for immediate deployment.
- Evidence Integrity: Secure digital storage ensured unbiased documentation of operations.
- Long-Term Reliability: Rugged design and extended battery life optimized for demanding field conditions.
- Force Multiplier Effect: Deployment across 3,062 cameras enhanced surveillance coverage, troop safety, and mission efficiency.

Conclusion:

The successful supply and deployment of 3,062 SBWC-01 Body Worn Cameras to Assam Rifles has significantly strengthened their surveillance, transparency, and operational capabilities in sensitive regions. By combining advanced technology, reliable performance, and robust after-sales support, Sanchar continues to be a trusted partner in empowering India's security forces with cutting-edge solutions.