



सत्यमेव जयते

महाराष्ट्र शासन राजपत्र

असाधारण भाग चार-ब

वर्ष १०, अंक १४६(५)]

शुक्रवार, ऑक्टोबर ११, २०२४/आश्विन १९, शके १९४६

[पृष्ठ ९, किंमत : रुपये ९.००]

असाधारण क्रमांक ४०८

प्राधिकृत प्रकाशन

महाराष्ट्र शासनाने महाराष्ट्र अधिनियमांन्वये तयार केलेले
(भाग एक, एक-अ आणि एक-ल यांमध्ये प्रसिद्ध केलेले नियम व आदेश यांव्यतिरिक्त) नियम व आदेश.

गृह विभाग

मंत्रालय, मादाम कामा मार्ग, हुतात्मा राजगुरु चौक, मुंबई ४०० ०३२, दिनांक ११ ऑक्टोबर, २०२४.

आदेश

महाराष्ट्र दारूबंदी अधिनियम.

क्रमांक एफएलआर ०७२४/प्र.क्र. १०६/राउशु-२.—महाराष्ट्र दारूबंदी अधिनियम (१९४९ चा २५ वा) चे कलम १३९ च्या उप-कलम (१) च्या खंड (बी) आणि (एन) द्वारे प्रदान केलेल्या अधिकारांचा आणि याबाबत प्राधिकृत इतर सर्व अधिकारांचा वापर करून, महाराष्ट्र शासन, याद्वारे खालील आदेश पारित करित आहे, ते असे :-

१. या आदेशाला महाराष्ट्र कृत्रिम बुद्धिमत्ता (AI) आणि मशीन लर्निंग (ML) वर आधारित सी.सी.टी.व्ही प्रणाली अनुज्ञप्ती परिसरात स्थापित करणे, आदेश, २०२४ असे संबोधण्यात यावे.

२. व्याख्या:- या आदेशात, संदर्भानुसार दुसरा अर्थ अपेक्षित नसेल तर,-

(a) “अधिनियम” याचा अर्थ, महाराष्ट्र दारूबंदी अधिनियम (१९४९ चा २५ वा);

(b) “कृत्रिम बुद्धिमत्ता आणि मशीन लर्निंग (एमएल) वर आधारित क्लोज्ड सर्किट टेलिव्हिजन (सीसीटीव्ही) प्रणाली” याचा अर्थ, अशी प्रणाली जी रिअल-टाइममध्ये व्हिडिओ फुटेजचे विश्लेषण करण्यासाठी कृत्रिम बुद्धिमत्ता आणि मशीन लर्निंग अल्गोरिदम वापरते; जी वस्तू, चेहरे आणि वर्तणूक शोधू आणि ओळखू शकते, ज्यान्वये वर्धित सुरक्षा आणि देखरेख क्षमता प्रदान करते आणि वापरकर्त्याच्या परिभाषित क्रियेसाठी दक्षता संदेश पाठवते;

(c) “नियम” याचा अर्थ, महाराष्ट्र दारूबंदी अधिनियम (१९४९ चा २५ वा) अंतर्गत तयार केलेले मुंबई विदेशी मद्य नियम, १९५३;

(d) “अनुसूची” याचा अर्थ, या आदेशाशी जोडलेली अनुसूची.

३. नियमाखाली मंजूर केलेली प्रत्येक एफएल-२, एफएल-२/ई.ओ. आणि एफएल-२/एस.पी. ओ. अनुज्ञप्तीधारक (संरक्षण दलाला मंजूर केलेले अनुज्ञप्तीखेरीज), अनुज्ञप्ती परिसराच्या प्रवेशद्वारावर, शासन वेळोवेळी विहित करेल अशा पद्धतीने, टप्पेनिहाय व कालावधीनुसार, सोबतच्या अनुसूचीमध्ये निर्दिष्ट केलेल्या मानकांनुसार कृत्रिम बुद्धिमत्ता (ए. आय.) आणि मशीन लर्निंग (एम.एल) वर आधारित क्लोज्ड सर्किट टेलिव्हिजन (सीसीटीव्ही.) प्रणाली स्थापित करतील.

४. (१) नियमानुसार एफएल-३ अनुज्ञप्ती मंजूर केलेले प्रत्येक अनुज्ञप्तीधारक, कोणत्याही महानगरपालिकेच्या क्षेत्रात किंवा पोलीस आयुक्तांच्या क्षेत्रात कार्यरत असताना, शासन वेळोवेळी विहित करेल अशा पद्धतीने, टप्पेनिहाय व कालावधीनुसार, अनुज्ञप्ती परिसराच्या प्रवेशद्वारावर कृत्रिम बुद्धिमत्ता (ए.आय.) आणि मशीन लर्निंग (एम.एल.) वर आधारित क्लोज्ड सर्किट टेलिव्हिजन (सीसीटीव्ही) प्रणाली अनुसूचीमध्ये निर्दिष्ट केलेल्या वैशिष्ट्यांसह स्थापित करतील.

(२) नियमानुसार मंजूर केलेली एफएल-३ अनुज्ञप्ती, तथापि, उपखंड (१) मध्ये नमूद केलेल्या क्षेत्राबाहेर कार्यरत असलेल्या आणि एफएल-३ अनुज्ञप्तीशी संबंधित महाराष्ट्र पोलीस अधिनियम (१९५१ चा २२) अंतर्गत मंजूर केलेल्या दुय्यम अनुज्ञप्तीचे प्रत्येक अनुज्ञप्तीधारक शासन वेळोवेळी विहित करेल अशा पद्धतीने, टप्पेनिहाय व कालावधीनुसार, अनुज्ञप्ती परिसराच्या प्रवेशद्वारावर कृत्रिम बुद्धिमत्ता (ए.आय.) आणि मशीन लर्निंग (एम.एल.) वर आधारित क्लोज्ड सर्किट टेलिव्हिजन (सीसीटीव्ही) प्रणाली अनुसूचीमध्ये निर्दिष्ट केलेल्या वैशिष्ट्यांसह स्थापित करतील.

५. संबंधित अनुज्ञप्तीधारकांनी त्यांच्या अनुज्ञप्तीच्या जागेत खालील पूर्व-अटी सुनिश्चित करणे आवश्यक आहे:

(१) सी.सी.टी.व्ही आणि सर्व संबंधित उपकरणे बसवण्यासाठी पुरेशी जागा.

(२) किमान १० एमबीपीएस चे ब्रॉडबैंडचे इंटरनेट कनेक्शन.

(३) अखंडित वीज पुरवठा.

(४) कृत्रिम बुद्धिमत्ता (ए.आय.) आणि मशीन लर्निंग (एम.एल.) स्थापित क्लोज्ड सर्किट टेलिव्हिजन (सीसीटीव्ही) प्रणालीद्वारे प्राप्त माहिती/ संदेशबाबतचे प्रदान आयुक्त, राज्य उत्पादन शुल्क यांनी स्थापन केलेल्या आदेश आणि नियंत्रण केंद्राकडे केले जाईल.

६. सदर आदेशाच्या अंमलबजावणी अनुषंगाने प्रत्येक अनुज्ञप्ती परिसरातून प्रतिसाद किंवा दक्षता संदेश प्राप्त करण्यासाठी आणि अनुज्ञप्ती परिसरात स्थापित कृत्रिम बुद्धिमत्ता (ए.आय.) आणि मशीन लर्निंग (एम.एल.) वर आधारित क्लोज्ड सर्किट टेलिव्हिजन (सीसीटीव्ही) प्रणालीवर देखरेख ठेवण्यासाठी आयुक्त, राज्य उत्पादन शुल्क त्यांच्या कार्यालयात आदेश आणि नियंत्रण केंद्र स्थापन करतील.

अनुसूची

Components and Technical Specifications

(1) IP based CCTV Camera with 5MP resolution

#	Parameter	Minimum Technical Specifications
(i)	Resolution	1280 x 720
(ii)	Frame rate	25 to 30 FPS (Frames per Seconds)
(iii)	Type of CCTV camera	IP Bullet/Dome camera
(iv)	Protocol support	RTMP, RTSP, HTTPS, ONVIF enabled
(v)	IR Range	Minimum of 30m for a human target at 45-50 deg. of ambient temp
(vi)	Video Compression	H.265+/H.265/H.264+/H.264
(vii)	Camera sensor	-1/2.8" CMOS Sensor
(viii)	Megapixel	5MP HD
(ix)	IP rating for camera enclosure	IP 67
(x)	Power Supply	Standard 12V DC
(xi)	Day/Night Switch	Unified/ Scheduled/ Auto
(xii)	Media Storage (Optional)	Onboard storage with SD Card

(2) Network Video Recorder (NVR)

#	Parameter	Minimum Technical Specifications
(i)	IP Video Input/Channel	24/7 recording with Up to 4 channel IP cameras can be connected
(ii)	Video Compression	Supports decoding H.265+/H.265/H.264+/H.264 video formats.
(iii)	Camera Support	Up to 6 MP high-definition live view, storage, and playback Up to 40 Mbps high incoming bandwidth so ONVIF IP cameras can be connected.
(iv)	Storage Support	Up to 4-ch @ 1080p decoding capacity for at least 1 HDD for continuous video recording.
(v)	Video Port	At least 1 HDMI/VGA
(vi)	Modes	Record Mode, Backup Mode and various playback functions.
(vii)	Features	Plug and play capabilities,
(viii)	Interface	• At least 1 RJ 45 10/100 MBPS • At least 1 USB 2.0 port
(ix)	Storage	At least 1 qty. of 2 TB HDD

(3) Network Switch

#	Parameter	Minimum Technical Specifications
(i)	Available Ports	4/8 Port Gigabit Ethernet PoE+ Smart Switch with 2 SFP Ports
(ii)	Routing Requirements	Layer 3 static routing with 32 routes (IPv4 and IPv6) for inter-VLAN local routing
(iii)	Features	L2/L3 access control lists (ACLs) for granular network access control including 802.1x port authentication
(iv)		Advanced per port PoE controls for remote power management of PoE connected devices including operation scheduling (e.g. Wireless APs, IP security cameras, etc.)
(v)		Advanced QoS (Quality of Service), 802.1p and L2/L3/L4 DSCP based

(4) Display

#	Parameter	Minimum Technical Specifications
(i)	Display Size	Minimum 43-Inch, non-touch
(ii)	Resolution	LED display with 1920 x 1080 FHD/ 4k UHD
(iii)	Ports	Video Inputs: HDMI / VGA / BNC CVBS In / Out
(iv)	Features	3D Comb Filter / Noise Reduction / Anti Pixel Burn
(v)	Accessories	Stand/ Wall Mounting kit, remote, cables, power adapter etc.

(5) UPS

#	Parameter	Minimum Technical Specifications
(i)	Features	10 KVA LI UPS online type with battery with an output of 240V operating at 50Hz.
(ii)	Backup time	Standard UPS with 30 minutes battery backup

(6) AI/ML based Edge device with Software Raven-AI

#	Parameter	Minimum Technical Specifications
(i)	AI-based Safety, Security & Compliance features	Real-time detection of below events: • Customer age • Establishment opening time tracking. • Bar counter closing time tracking. • CCTV Camera or associated devices tampering
(ii)	Camera agnostic	System should be compatible with all commercially available cameras.
(iii)	Integrated view	System should be able to integrate view of all camera video feed in single display.
(iv)	Notification	Real-time alert notifications to all authorized individuals with evidence clip to reduce delay in decision making.
(v)	Mobile App/Dashboard Capabilities	The system should provide a mobile app/ dashboard where: • Live alerts can be seen. • On demand live camera feed can be accessed. • All the past alerts can be stored. • Can provide Secure, role-based access to the users.
(vi)	False Alarm	Should be fault tolerant system and should not give false alerts frequently.
(vii)	System Integrity	System should be able to alert on typical tampering or security breaches.
(viii)	Evidence Clip	In case of event the system should provide an alert to designated personnel and the system should also attach a short video evidence clip with each alert (10 to 15 sec).
(ix)	Alert Prioritization	System shall provide a feature to set alerts with different priorities depending on the severity or as per requirement.
(x)	Security Feature Customization	System should have a capability to add new safety & security features as per requirement. Also, the system should have MFA/2FA login capabilities.

#	Parameter	Minimum Technical Specifications
(xi)	Customizable User Interface	System UI should be customizable/ configuration as per requirement. Also, the system should have a user-friendly interface for viewing live CCTV stream/feed and while extracting a video as evidence.
(xii)	Integration	System should be capable to integrating with any internal or external systems including NVR, network switch etc.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नावाने,

रविंद्र औटे,
शासनाचे उप सचिव.

HOME DEPARTMENT

Mantralaya, Madam Cama Marg, Hutatma Rajguru Chowk, Mumbai 400 032,
Dated the 11th October, 2024.

ORDER**MAHARASHTRA PROHIBITION ACT.**

No. FLR-0724/C.R.106/Exc-2.—In exercise of the powers conferred by clauses (b) and (n) of sub-section (1) of section 139 of the Maharashtra Prohibition Act (XXV of 1949), and of all other powers enabling it in that behalf, the Government of Maharashtra hereby makes the following order, namely:-

1. This Order may be called the Maharashtra installation of Closed Circuit Television (CCTV) system based on the Artificial Intelligence (AI) and Machine Learning (ML) at the licensed premises Order, 2024.

2. Definitions.- In this order, unless the context otherwise requires,-

(a) “Act” means the Maharashtra Prohibition Act (XXV of 1949);

(b) “Closed Circuit Television (CCTV) system based on the Artificial Intelligence (AI) and Machine Learning (ML)” means a system which uses Artificial Intelligence and Machine Learning algorithms to analyze video footage in real-time which may detect and recognize objects, faces and behaviours, providing enhanced security and monitoring capabilities and send alerts for user defined activities;

(c) “Rules” means the Bombay Foreign Liquor Rules, 1953 framed under the Maharashtra Prohibition Act (XXV of 1949);

(d) “Schedule” means the Schedule appended to this Order.

3. Every licensee holding FL-II, FL-II/E.O. and FL- II/S.P.O., license granted under the Rules except a defence unit, shall at the entrance of licensed premises install Closed Circuit Television (CCTV) system based on the Artificial Intelligence (AI) and Machine Learning (ML) with the specifications as specified in the Schedule, by the procedure, phases & period of implementation as prescribed by the State Government from time to time.

4. (1) Every licensee holding FL-III license granted under the Rules operating within the area of any Municipal Corporation or within the area of the Police Commissioner shall at the entrance of licensed premises install Closed Circuit Television (CCTV) system based on the Artificial Intelligence (AI) and Machine Learning (ML) with the specifications as specified in the Schedule, by the procedure, phases & period of implementation as prescribed by the State Government from time to time.

(2) Every licensee holding FL-III license granted under the Rules operating outside the area mentioned in sub-clause (1) and having subsidiary licenses related to the FL-III license granted under the Maharashtra Police Act (XXII of 1951) shall at the entrance of licensed premises install, Closed Circuit Television (CCTV) system based on the Artificial Intelligence (AI) and Machine Learning (ML) with the specifications as specified in the Schedule, by the procedure, phases & period of implementation as prescribed by the State Government from time to time.

5. The license holders shall ensure the following pre- requisites at their premises:-

(1) An adequate space to install CCTV and all associated equipment.

(2) A broadband stable wired internet connection of at least 10 Mbps.

(3) Uninterrupted Power supply.

(4) The installed Closed Circuit Television (CCTV) system based on the Artificial Intelligence (AI) and Machine Learning (ML) feed shall be transmitted to the Command and Control Centre set up by the Commissioner, State Excise.

6. The Commissioner shall establish a Command and Control Centre for receiving feeds or alerts from each license premises at his office to oversee the implementation and to monitor the Closed

Circuit Television (CCTV) system based on the Artificial Intelligence (AI) and Machine Learning (ML) installed at licensed premises.

Schedule

Components and Technical Specifications

(1) IP based CCTV Camera with 5MP resolution

#	Parameter	Minimum Technical Specifications
(i)	Resolution	1280 x 720
(ii)	Frame rate	25 to 30 FPS (Frames per Seconds)
(iii)	Type of CCTV camera	IP Bullet/Dome camera
(iv)	Protocol support	RTMP, RTSP, HTTPS, ONVIF enabled
(v)	IR Range	Minimum of 30m for a human target at 45-50 deg. of ambient temp
(vi)	Video Compression	H.265+/H.265/H.264+/H.264
(vii)	Camera sensor	-1/2.8" CMOS Sensor
(viii)	Megapixel	5MP HD
(ix)	IP rating for camera enclosure	IP 67
(x)	Power Supply	Standard 12V DC
(xi)	Day/Night Switch	Unified/ Scheduled/ Auto
(xii)	Media Storage (Optional)	Onboard storage with SD Card

(2) Network Video Recorder (NVR)

#	Parameter	Minimum Technical Specifications
(i)	IP Video Input/Channel	24/7 recording with Up to 4 channel IP cameras can be connected
(ii)	Video Compression	Supports decoding H.265+/H.265/H.264+/H.264 video formats.
(iii)	Camera Support	Up to 6 MP high-definition live view, storage, and playback Up to 40 Mbps high incoming bandwidth so ONVIF IP cameras can be connected.
(iv)	Storage Support	Up to 4-ch @ 1080p decoding capacity for at least 1 HDD for continuous video recording.
(v)	Video Port	At least 1 HDMI/VGA
(vi)	Modes	Record Mode, Backup Mode and various playback functions.
(vii)	Features	Plug and play capabilities,
(viii)	Interface	• At least 1 RJ 45 10/100 MBPS • At least 1 USB 2.0 port
(ix)	Storage	At least 1 qty. of 2 TB HDD

(3) Network Switch

#	Parameter	Minimum Technical Specifications
(i)	Available Ports	4/8 Port Gigabit Ethernet PoE+ Smart Switch with 2 SFP Ports

(ii)	Routing Requirements	Layer 3 static routing with 32 routes (IPv4 and IPv6) for inter-VLAN local routing
(iii)	Features	L2/L3 access control lists (ACLs) for granular network access control including 802.1x port authentication
(iv)		Advanced per port PoE controls for remote power management of PoE connected devices including operation scheduling (e.g. Wireless APs, IP security cameras, etc.)
(v)		Advanced QoS (Quality of Service), 802.1p and L2/L3/L4 DSCP based

(4) Display

#	Parameter	Minimum Technical Specifications
(i)	Display Size	Minimum 43-Inch, non-touch
(ii)	Resolution	LED display with 1920 x 1080 FHD/ 4k UHD
(iii)	Ports	Video Inputs: HDMI / VGA / BNC CVBS In / Out
(iv)	Features	3D Comb Filter / Noise Reduction / Anti Pixel Burn
(v)	Accessories	Stand/ Wall Mounting kit, remote, cables, power adapter etc.

(5) UPS

#	Parameter	Minimum Technical Specifications
(i)	Features	10 KVA LI UPS online type with battery with an output of 240V operating at 50Hz.
(ii)	Backup time	Standard UPS with 30 minutes battery backup

(6) AI/ML based Edge device with Software Raven-AI

#	Parameter	Minimum Technical Specifications
(i)	AI-based Safety, Security & Compliance features	Real-time detection of below events: • Customer age • Establishment opening time tracking. • Bar counter closing time tracking. • CCTV Camera or associated devices tampering
(ii)	Camera agnostic	System should be compatible with all commercially available cameras.
(iii)	Integrated view	System should be able to integrate view of all camera video feed in single display.
(iv)	Notification	Real-time alert notifications to all authorized individuals with evidence clip to reduce delay in decision making.

#	Parameter	Minimum Technical Specifications
(v)	Mobile App/Dashboard Capabilities	The system should provide a mobile app/ dashboard where: • Live alerts can be seen. • On demand live camera feed can be accessed. • All the past alerts can be stored. • Can provide Secure, role-based access to the users.
(vi)	False Alarm	Should be fault tolerant system and should not give false alerts frequently.
(vii)	System Integrity	System should be able to alert on typical tampering or security breaches.
(viii)	Evidence Clip	In case of event the system should provide an alert to designated personnel and the system should also attach a short video evidence clip with each alert (10 to 15 sec).
(ix)	Alert Prioritization	System shall provide a feature to set alerts with different priorities depending on the severity or as per requirement.
(x)	Security Feature Customization	System should have a capability to add new safety & security features as per requirement. Also, the system should have MFA/2FA login capabilities.
(xi)	Customizable User Interface	System UI should be customizable/ configuration as per requirement. Also, the system should have a user-friendly interface for viewing live CCTV stream/feed and while extracting a video as evidence.
(xii)	Integration	System should be capable to integrating with any internal or external systems including NVR, network switch etc.

By order and in the name of the Governor of Maharashtra,

RAVINDRA AUTE,
Deputy Secretary to Government.