GLOSSARY OF TECHNICAL TERMS

"1+N cooperation"	our strategy to promote repurchases from the same customer by addressing different scenarios
"1*N expansion"	our strategy to provide one type of product or solutions to multiple companies for same or similar scenarios
"3C"	computer, communications and consumer electronics
"5G"	the 5th generation mobile network, a new global wireless standard after 1G, 2G, 3G, and 4G networks
"ABC"	AI, big data and cloud computing
"ABS"	assets-based solutions, business solutions built by technology assets
"AI"	artificial intelligence
"AI +"	empowering traditional industries with AI solutions
"algorithm"	a procedure or formula for solving a problem, based on conducting a sequence of specific actions
"AutoML"	automated machine learning, the process of automating the process of applying machine learning to real world problems
"CAGR"	compound annual growth rate
"CFTR"	continuous fiber reinforced thermoplastic
"cloud"	a network of remote servers hosted on the Internet/Intranet and used to store, manage, and process data in place of local servers or personal computers.
"COE"	center of excellence
"computing power"	the ability of a computer to perform an operation
"CPU"	central processing unit
"CV" or "computer vision"	a field of artificial intelligence that trains computers to interpret and understand the digital images or videos
"CVPR"	Conference on Computer Vision and Pattern Recognition, an annual research conference sponsored by the IEEE. Together with ICCV and ECCV, CVPR is widely regarded as one of the most important conferences in the field of computer vision

GLOSSARY OF TECHNICAL TERMS

"DAC"	data automation center, a multi-source heterogeneous data management system that allows data automation and realizes intelligent data fusion management
"deep learning"	a class of machine learning algorithms that constructs artificial neural networks to mimic the structure and function of the human brain, and progressively extract higher-level features from the raw input area network (LAN) with an external wide area network (WAN) on the Internet
"Designer"	a component of ManuVision platform that combines algorithms for desired function
"ECCV"	European Conference on Computer Vision, a biennial research conference. Together with CVPR and ICCV, ECCV is widely regarded as one of the most important conferences in the field of computer vision
"edge computing"	a distributed computing paradigm that brings computation and data storage closer to the location where it is needed to improve response times and save bandwidth
"framework"	a platform for developing software applications
"FSL"	few-shot learning, a class of methods that enables AI models to recognize new things with limited labeled data
"GB"	gigabyte
"GPU"	graphics processing unit, a specialized electronic circuit designed to rapidly manipulate and alter memory to accelerate the creation of images
"IaaS"	infrastructure as a service, a category of cloud computing that provides virtualized computing resources over the Internet
"ICCV"	International Conference on Computer Vision, a biennial research conference sponsored by the IEEE. Together with CVPR and ECCV, ICCV is widely regarded as one of the most important conferences in the field of computer vision
"IDC"	Interactive Data Corporation, a company that became known for providing financial market data (financial data vendor), analytics and related solutions to financial institutions, active traders and individual investors
"IEEE"	Institute of Electrical and Electronics Engineers, the world's largest association of technical professionals established for the advancement of technology

GLOSSARY OF TECHNICAL TERMS

"IoT"	Internet of things, the extension of Internet connectivity into physical devices and everyday objects
"IRC"	intelligent resource center, a resource management platform designed for data centers
"IT"	information technology
"KOL"	key opinion leader
"Kolmogorov—Smirnov statistic"	a test comparing data with a known distribution for testing normality
"KPI"	key performance indicator
"ManuVision"	our proprietary AInnovation Intelligent Machine Vision Platform (創新奇智ManuVision機器視覺智能平台), powered by deep learning technology, designed to locate, measure, detect, and recognize common defects or key metrics
"MatrixVision"	our proprietary AInnovation MatrixVision Intelligent Edge Video Platform (創新奇智MatrixVision邊緣視頻智能平台), systematically combining edge computing and deep learning; it performs tasks such as video stream decoding, image encoding and decoding, model conversion and migration, model deployment and real-time inference
"Model Zoo"	a list of models pre-trained and designed for reusing in our AI-based products and solutions
"MOT Challenge"	Multiple Object Tracking Challenge
"MOT17Det"	a dataset for people detection challenge from MOT
"OCR"	optical character recognition
"OLED"	organic light-emitting diode
"operator"	prebuilt functions used to pre-process raw data
"Orion"	our proprietary AInnovation Orion Distributed Machine Learning Platform (創新奇智Orion分布式機器學習平台)

GLOSSARY OF TECHNICAL TERMS

"PaaS"	platform as a service, a category of cloud computing services that provides a platform allowing customers to develop, run, and manage applications without the complexity of building and maintaining the infrastructure typically associated with developing and launching an APP
"PB"	petabyte
"premium customer"	customer with revenue contribution of RMB4.5 million or more in a financial year
"premium customer dollar based repeating rate"	calculated as the revenue of the current financial year from all premium customers in the prior financial year, divided by revenue from such customers in that prior financial year. The rate is subject to adjustments for acquisitions, consolidations, spin-offs, and other market activity
"R&D"	research and development
"RDP"	rapid deployed products, products that could easily and quickly deployed in response to immediate needs
"Runtime"	a component of ManuVision platform that imports and runs tasks
"SaaS"	software as a service, a software licensing and delivery model in which software is licensed on a subscription basis and is centrally hosted
"SDK"	software development kit
"SLA"	service level agreement, a commitment between a service provider and a client
"Trainer"	a component of ManuVision platform that labels data and trains algorithm models
"vertical"	subsector(s) of manufacturing, financial services and other industries