

V7000 Fixed Barcode Scanner Quick Start Guide

Scan the QR code or visit the link to download manuals and configuration software for the scanner



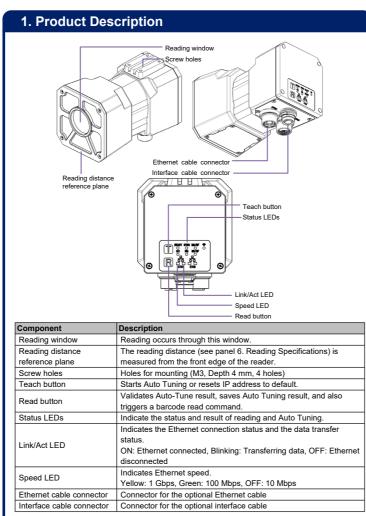
IMPORTANT: Before operating the scanner, be sure to read important safety information in the User Manual.

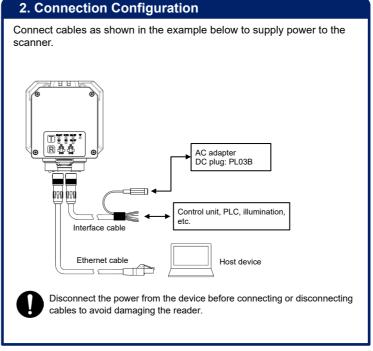
Included Items	Quantity
V7000 barcode scanner	1
Quick Start Guide	1
Calibration Sheet (for tilt correction settings)	1

Optional items to order separately

- AC adapter (DC 24V), part number AKA-24271A1
- Interface and power jack cable, part number MFR-CA05-S99-AC
- LAN cable, part number NBC-MSX/5.0-94F/R4AC SCO

Note: The terms scanner and reader are used interchangeably throughout the documentation.





Pressing this button when powering on the unit will start Auto-Tuning or reset the IP address to default Read button Triggers a barcode read command. Status LEDs Status LEDs READY (Orange) ON ldling READY (Orange) ON ON -> OFF Sync signa GO (Green) blinks barcode Fail NG (Red) blinks once (READY,SYNC)-(GO.NG) ON alternately Success (SYNC.GO) ON Tuning NG blinks 7 times 3 types: GO blinks 3 1 type: NG blinks once NG blinks 7 times Send error Save settings SYNC blinks 3 times

Teach button

4. Operation Buttons /Status LEDs

Buzzer			
Length	Times	Description	
Short	3	Completed the scanner start up	
Short	1	Succeeded decoding a barcode	
Short	7	Canceled or failed Auto- Tuning process.	
Middle	3	Saved reader settings to the flash ROM	
Long	1	The reader starts booting	
Long	3	Auto-Tuning was successful	
Long	4	Auto-Tuning configuration saved	

3. Initial Communication Settings

Item	Value (default)
IP address	192.168.209.10
Subnet mask	/24 (Same as 255.255.255.0)
Port (to send data)	27110
Default gateway	192.168.209.254

Set the host device to use these initial settings to communicate with the reader.

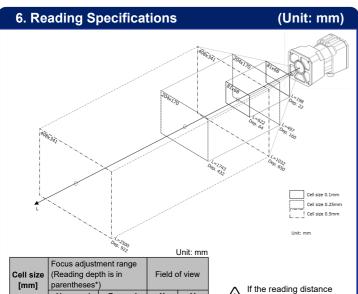
5. Auto Tuning and Reading Barcodes

Auto-Tunina

See the FixedConfig7000 Quick Start Guide for instructions on Auto Tuning.

To read a barcode, press and then release the Read button while the device is in the idle





\(\) exceeds 400 mm, external

lighting may be needed for

The built in distance sensor

operates from 100mm to

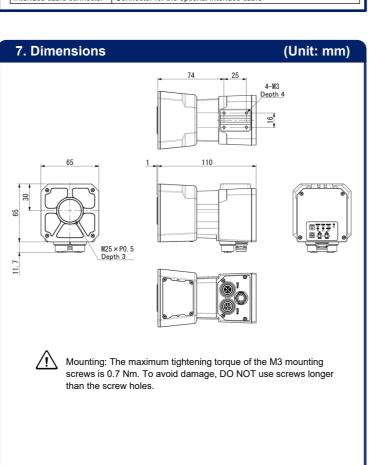
1000mm.

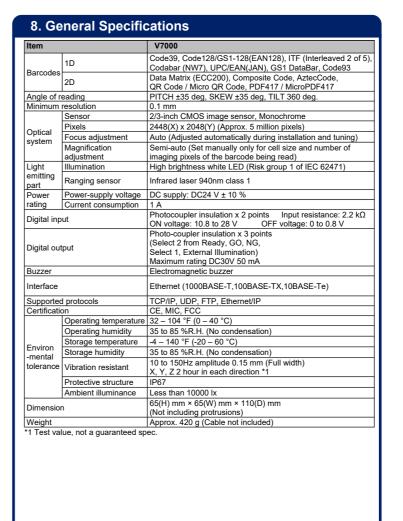
			,	Offic. IIIII
	(
Cell size			Field of view	
[mm]	parentheses*)			
	Near end	Far end	X	Y
0.1†	198‡	622	81	68
	(22)	(64)		
0.125	245‡	854	102	85
	(44)	(112)		
0.167	325‡	1166	136	114
	(74)	(216)		
0.19	373‡	1337	155	129
0.19	(100)	(266)		
0.25	497‡	1743	204	170
	(160)	(432)		
0.33	670‡	2293	269	225
	(250)	(588)		
0.5	1032‡	2500	400	341
	(650)	(922)	408	341

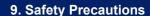
*Reading depths (in paratheses) are not guaranteed.

†All values at 0.1 mm cell size are not guaranteed

‡.To focus closer, increase the number of image-forming pixels on the FixedConfig7000 settings screen. (Shortest distance is 150mm.) This narrows the field of view









DO NOT disassemble. Disassembly will void the warranty and could cause damage or personal injury.



Follow all warnings or notices displayed by the host computer.



If smoke or odors begin to emit from the device, stop using it immediately. Continued use may cause fire or electric shock.



This product is classified as Class I as specified in IEC60825-1. Avoid prolonged viewing into viewing window during operation.



Handle with care

- DO NOT use this product at temperature or humidity ranges beyond the product specifications, or in direct sunlight.
- DO NOT expose the unit to water, moisture, oil, etc.
- This product may be damaged in environments containing corrosive gas.
- This is a high-precision optical device; avoid applying excessive force or dropping
- If there are any dust particles on the reading window, please clean 1. Wipe lightly with cloth or swab (may be damp with alcohol).
- 2. Wipe off any residual alcohol using a dry cloth.
- If the housing of the product gets dirty, clean it off using a cloth soaked in water-diluted neutral detergent.



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